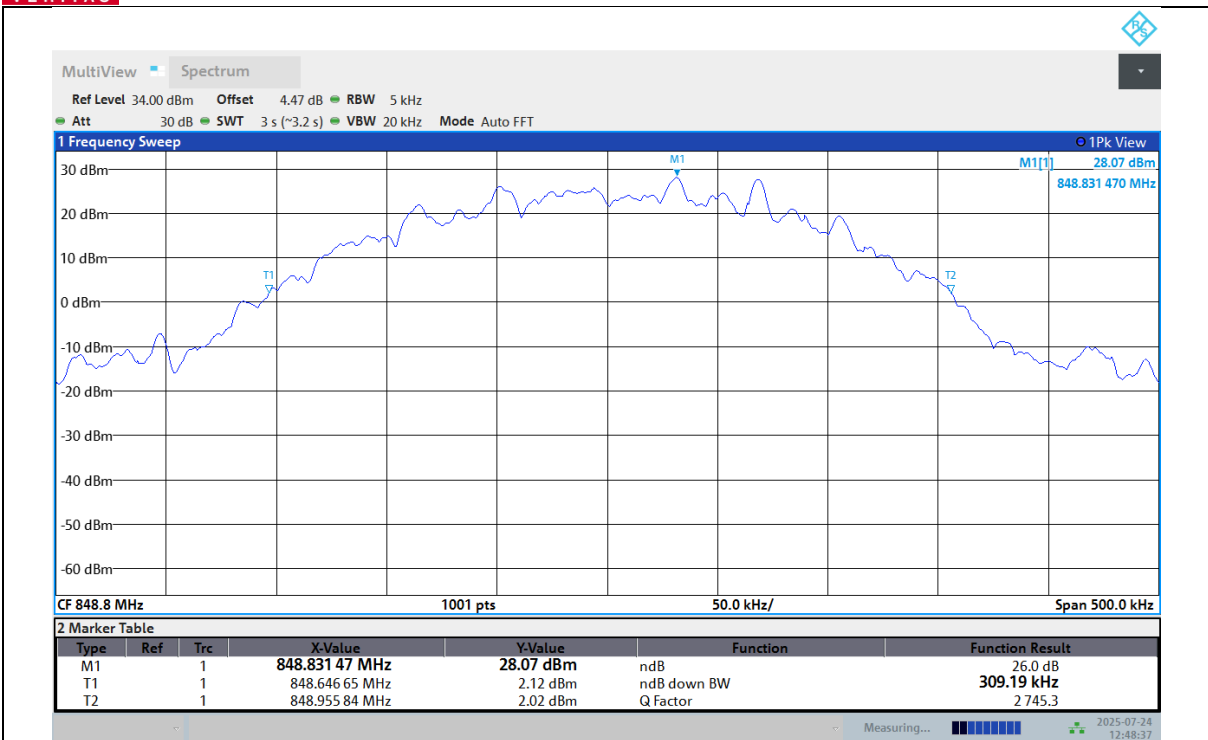
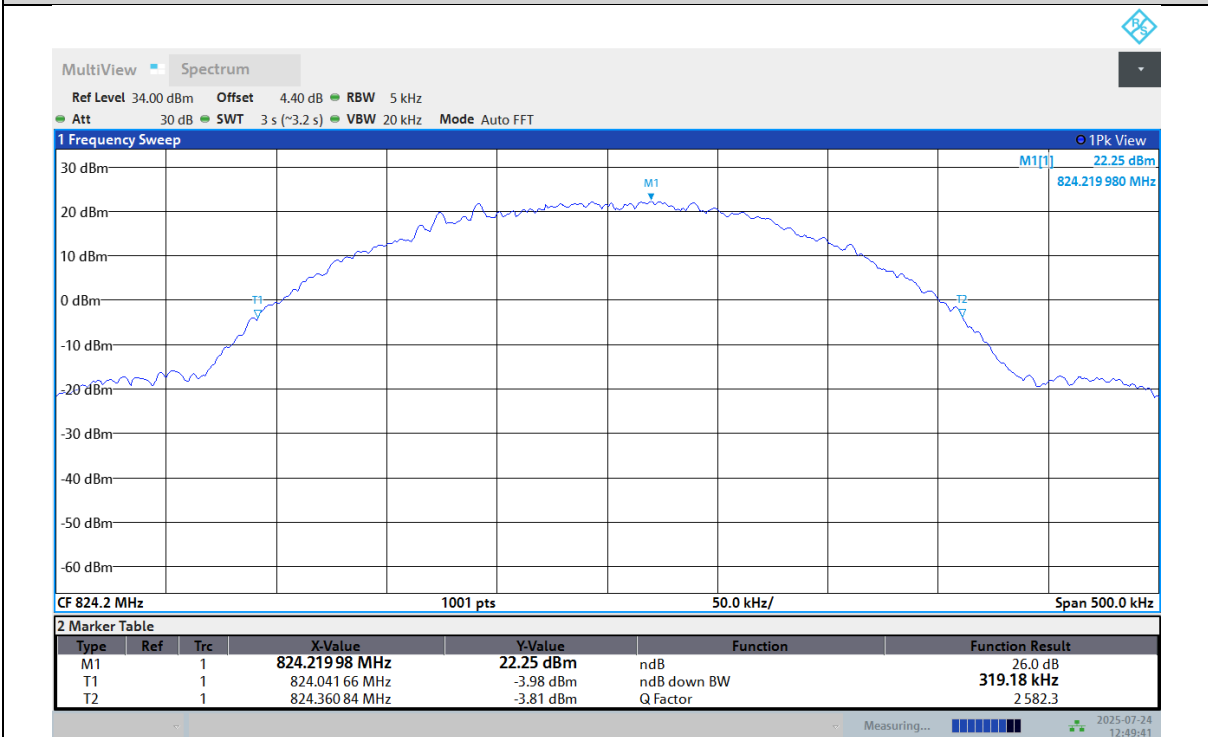
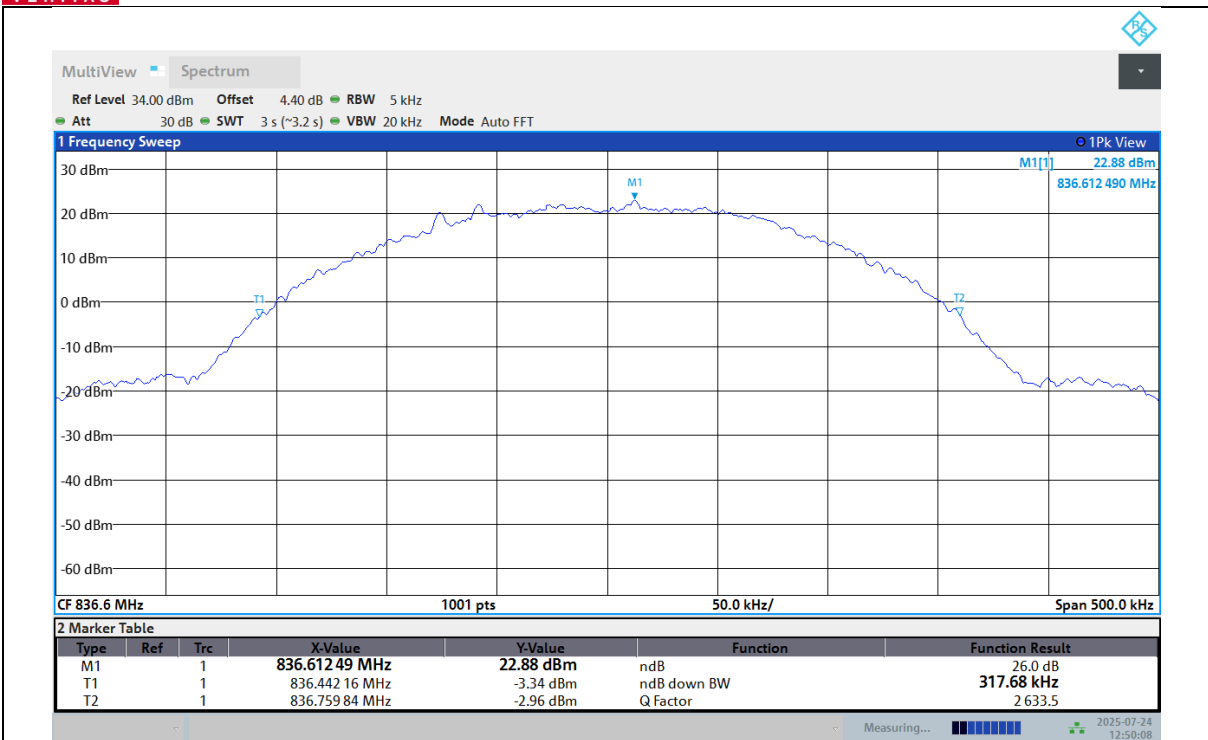




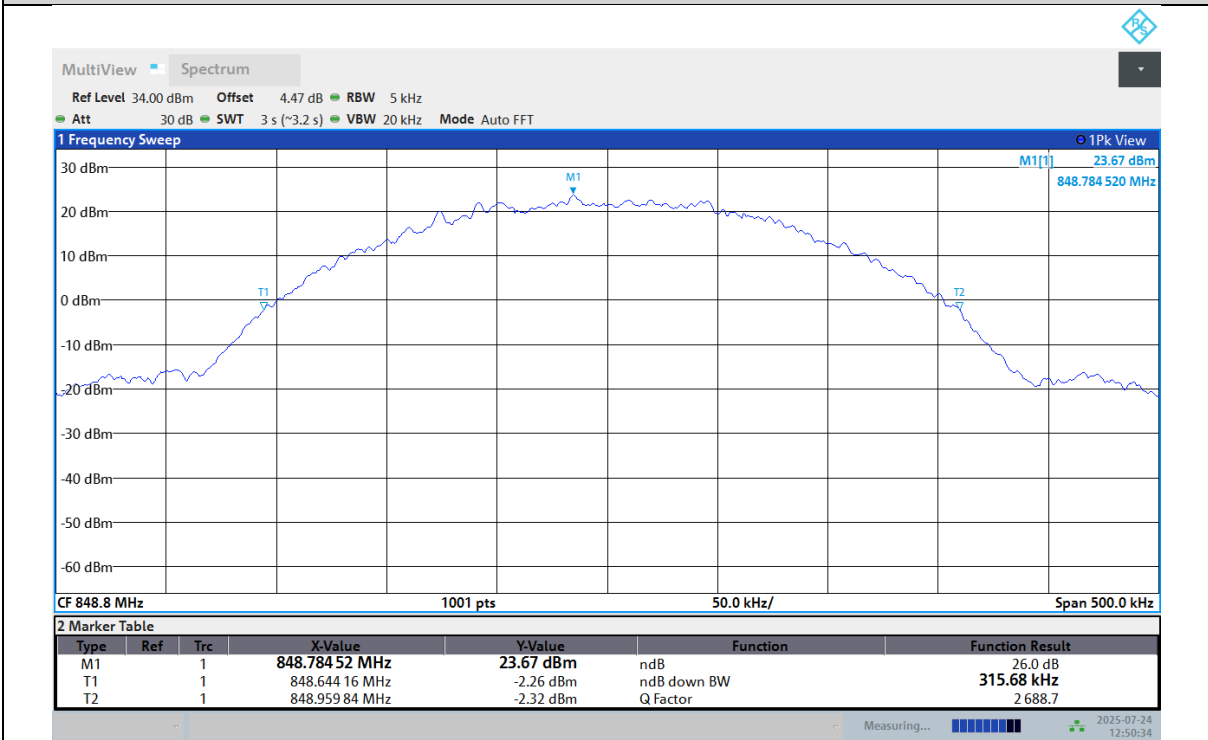
EGPRS850-128



EGPRS850-190



EGPRS850-251





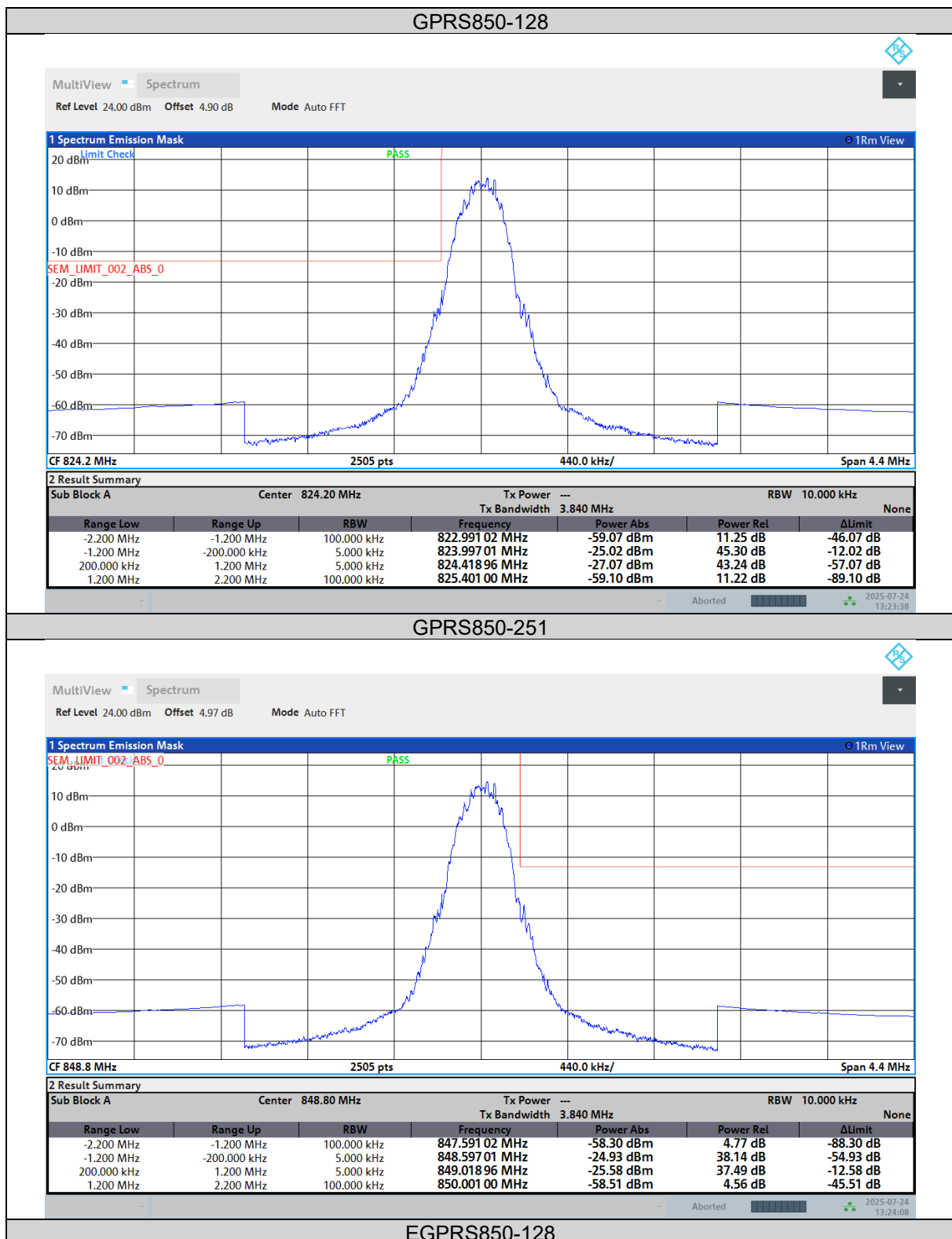
BAND EDGE

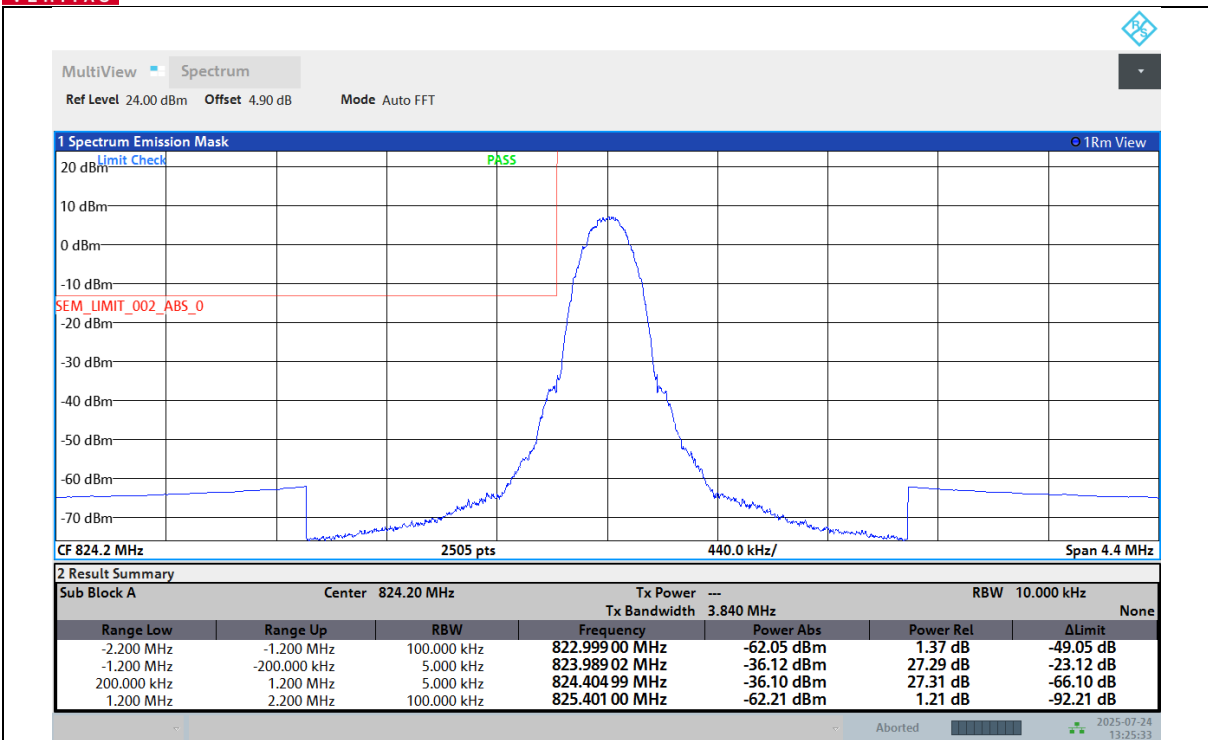
Test Result

Band	Channel	Result (dBm)	Limit(dBm)	Verdict
GPRS850	128	See Graph	-13	PASS
GPRS850	251	See Graph	-13	PASS
EGPRS850	128	See Graph	-13	PASS
EGPRS850	251	See Graph	-13	PASS

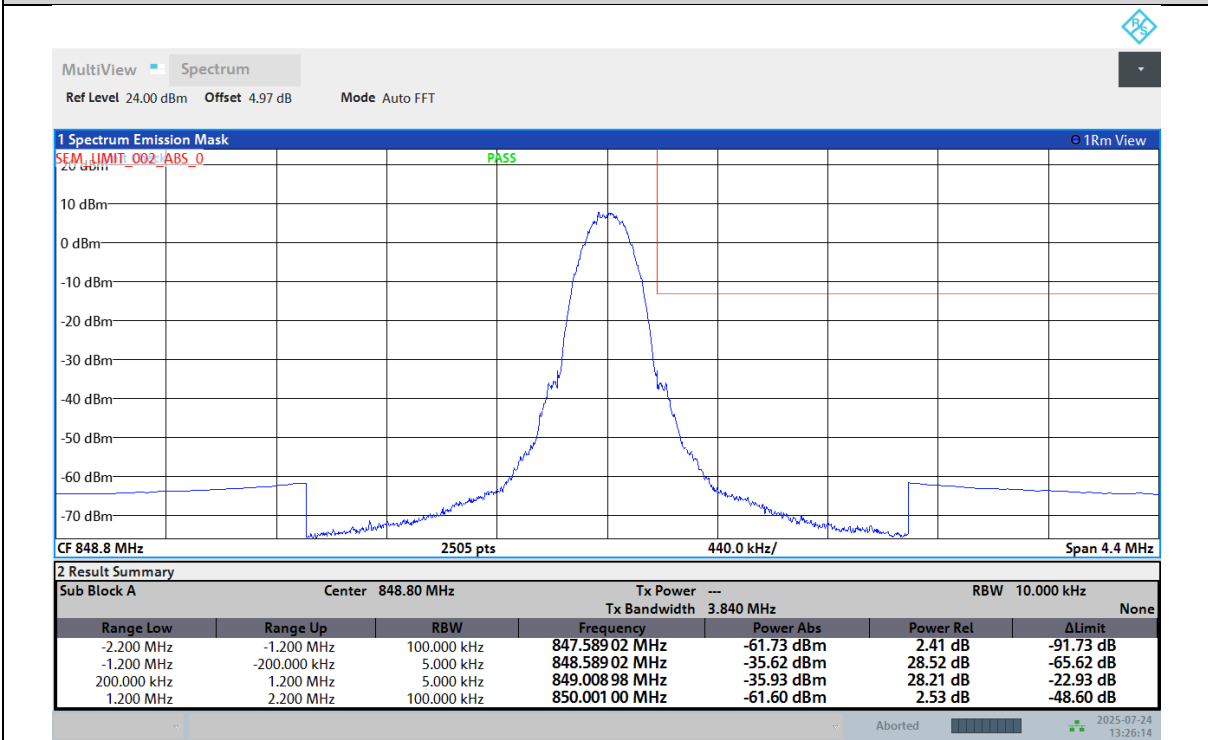


Test Graphs





EGPRS850-251





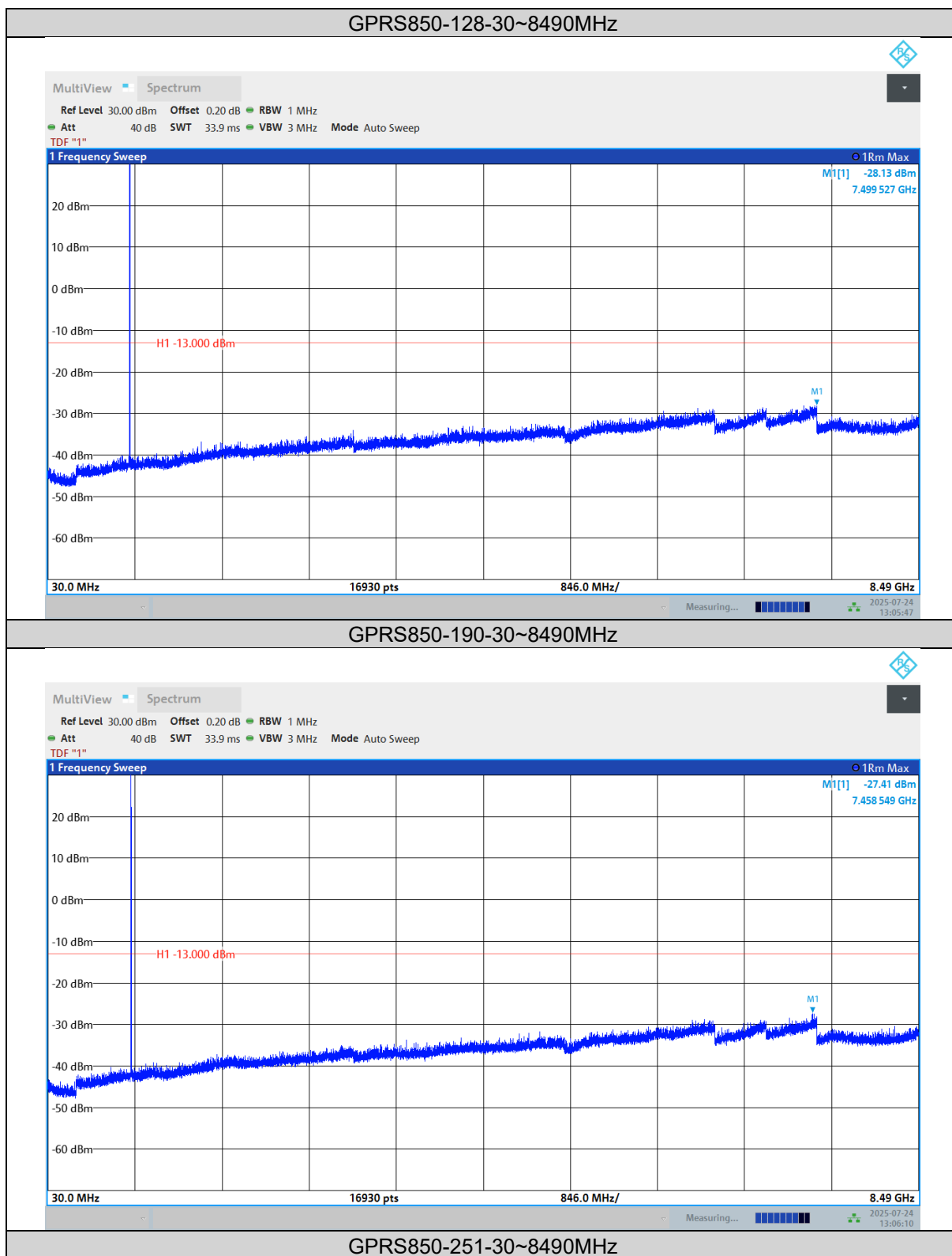
BUREAU VERITAS Test Report No.: PSU-QSZ2507090114RF01
CONDUCTED SPURIOUS EMISSION

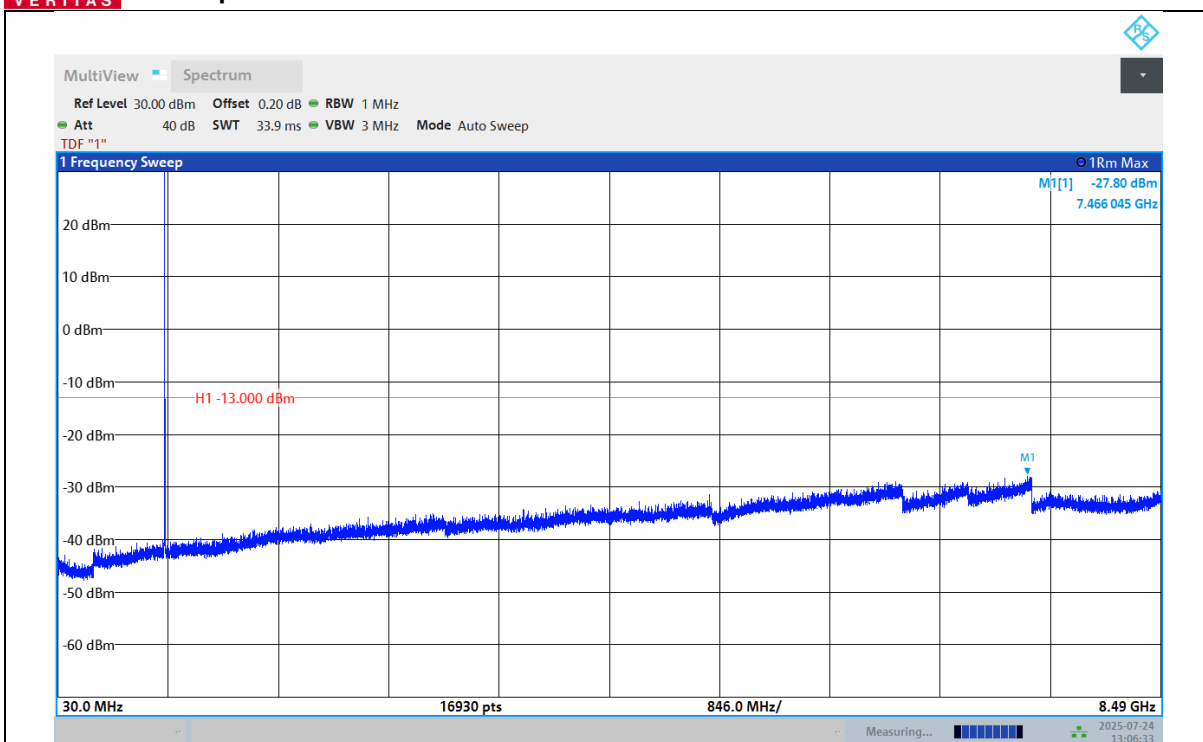
Test Result

Band	Channel	Frequency Range(MHz)	Result (dBm)	Limit (dBm)	Verdict
GPRS850	128	30~8490MHz	See Graph	-13	PASS
GPRS850	190	30~8490MHz	See Graph	-13	PASS
GPRS850	251	30~8490MHz	See Graph	-13	PASS
EGPRS850	128	30~8490MHz	See Graph	-13	PASS
EGPRS850	190	30~8490MHz	See Graph	-13	PASS
EGPRS850	251	30~8490MHz	See Graph	-13	PASS

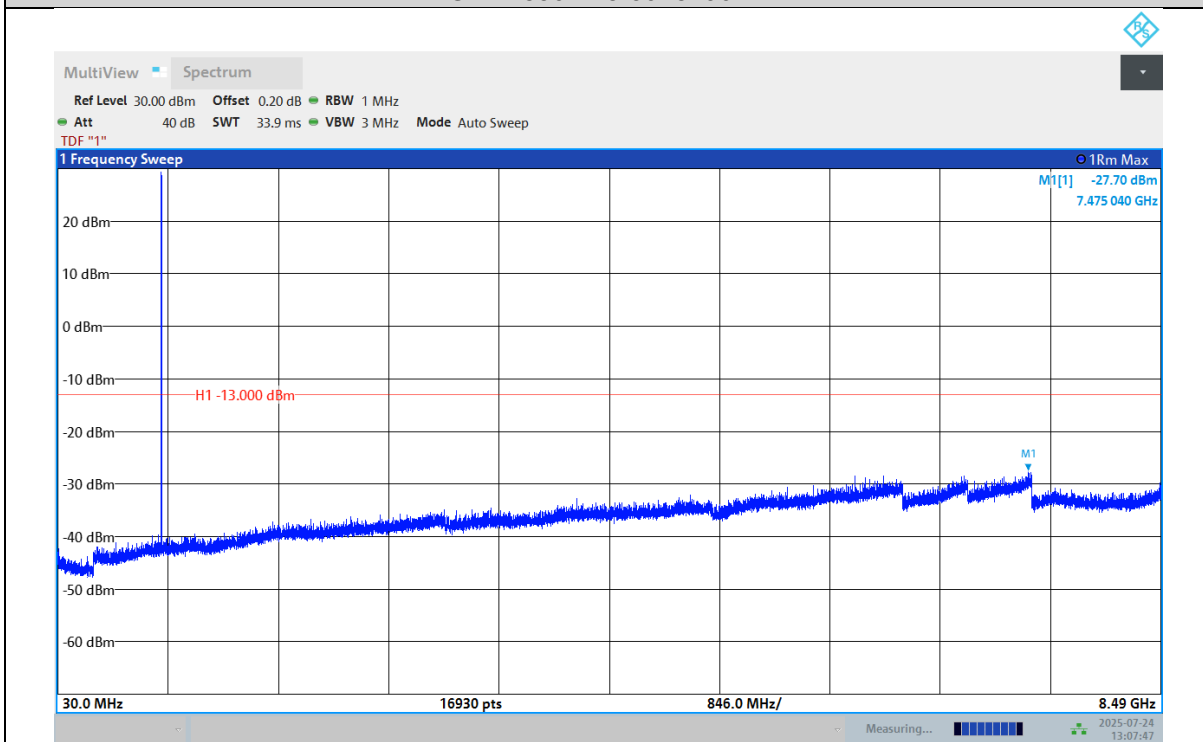


Test Graphs

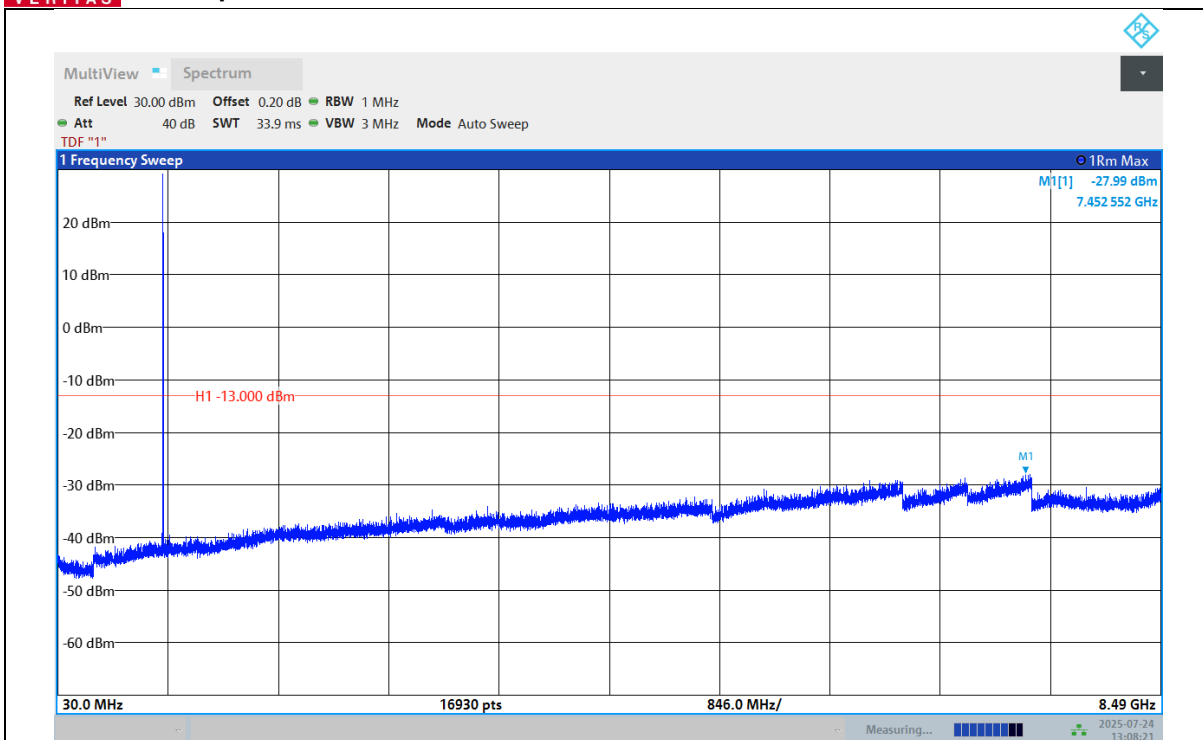




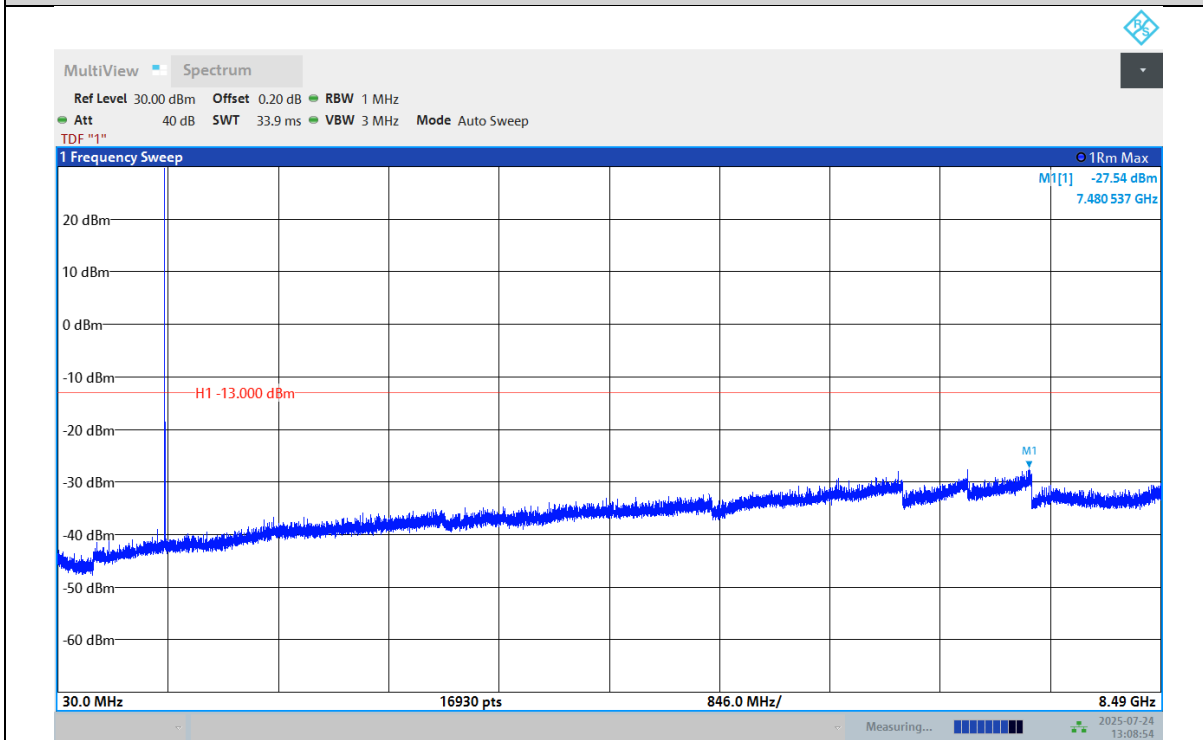
EGPRS850-128-30~8490MHz



EGPRS850-190-30~8490MHz



EGPRS850-251-30~8490MHz





FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	190	LV	NT	-103.84	-0.1260	±2.5	PASS
GPRS850	190	NV	NT	-89.78	-0.1089	±2.5	PASS
GPRS850	190	HV	NT	-34.47	-0.0418	±2.5	PASS
GPRS850	128	LV	NT	19.48	0.0233	±2.5	PASS
GPRS850	128	NV	NT	-95.49	-0.1142	±2.5	PASS
GPRS850	128	HV	NT	2.57	0.0031	±2.5	PASS
GPRS850	251	LV	NT	-29.28	-0.0345	±2.5	PASS
GPRS850	251	NV	NT	-16.11	-0.0190	±2.5	PASS
GPRS850	251	HV	NT	-5.75	-0.0068	±2.5	PASS

Temperature							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GPRS850	190	NV	-30	-163.96	-0.1989	±2.5	PASS
GPRS850	190	NV	-20	-16.76	-0.0203	±2.5	PASS
GPRS850	190	NV	-10	-72.69	-0.0882	±2.5	PASS
GPRS850	190	NV	0	-128.33	-0.1557	±2.5	PASS
GPRS850	190	NV	10	-19.37	-0.0235	±2.5	PASS
GPRS850	190	NV	20	1.81	0.0022	±2.5	PASS
GPRS850	190	NV	30	-105.69	-0.1282	±2.5	PASS
GPRS850	190	NV	40	-80.19	-0.0973	±2.5	PASS
GPRS850	190	NV	50	-87.07	-0.1056	±2.5	PASS
GPRS850	128	NV	-30	-4.31	-0.0052	±2.5	PASS
GPRS850	128	NV	-20	-153.41	-0.1834	±2.5	PASS
GPRS850	128	NV	-10	-143.83	-0.1720	±2.5	PASS
GPRS850	128	NV	0	-55.52	-0.0664	±2.5	PASS
GPRS850	128	NV	10	-174.57	-0.2087	±2.5	PASS
GPRS850	128	NV	20	-103.43	-0.1237	±2.5	PASS
GPRS850	128	NV	30	-141.40	-0.1691	±2.5	PASS
GPRS850	128	NV	40	-16.52	-0.0198	±2.5	PASS
GPRS850	128	NV	50	-151.68	-0.1813	±2.5	PASS
GPRS850	251	NV	-30	-143.45	-0.1690	±2.5	PASS
GPRS850	251	NV	-20	-97.96	-0.1154	±2.5	PASS
GPRS850	251	NV	-10	-2.76	-0.0033	±2.5	PASS
GPRS850	251	NV	0	-159.75	-0.1882	±2.5	PASS
GPRS850	251	NV	10	-69.40	-0.0818	±2.5	PASS
GPRS850	251	NV	20	-8.68	-0.0102	±2.5	PASS
GPRS850	251	NV	30	6.40	0.0075	±2.5	PASS
GPRS850	251	NV	40	-69.71	-0.0821	±2.5	PASS
GPRS850	251	NV	50	-16.34	-0.0193	±2.5	PASS



WCMDA BAND5

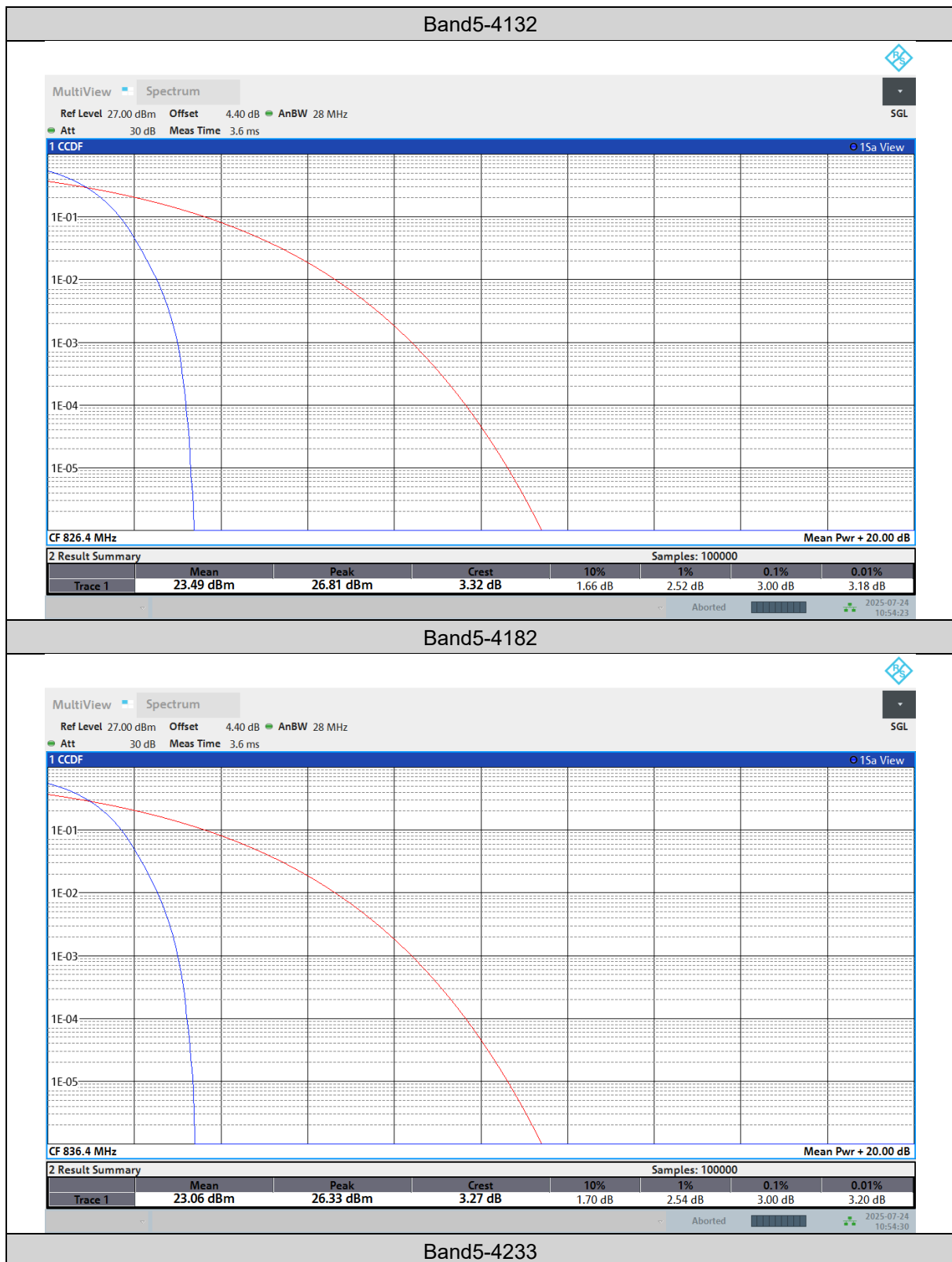
PEAK-TO-AVERAGE RATIO

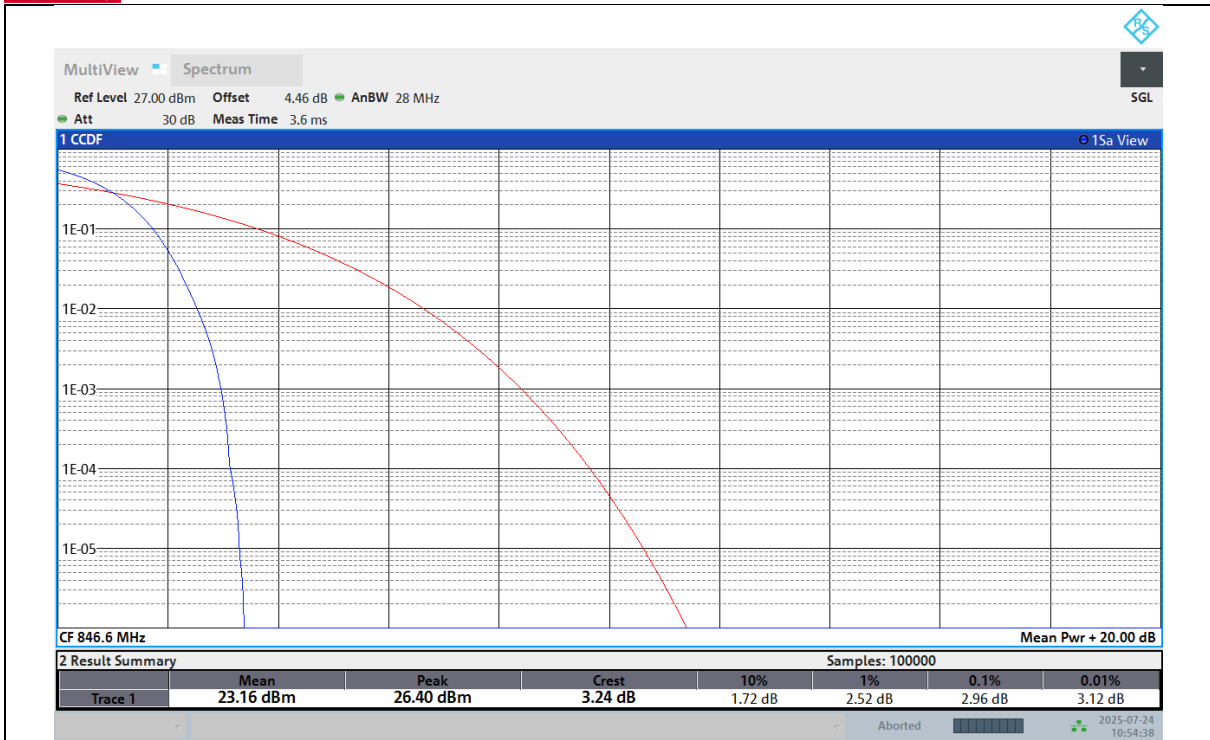
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band5	4132	3.00	13	PASS
Band5	4182	3.00	13	PASS
Band5	4233	2.96	13	PASS



Test Graphs





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

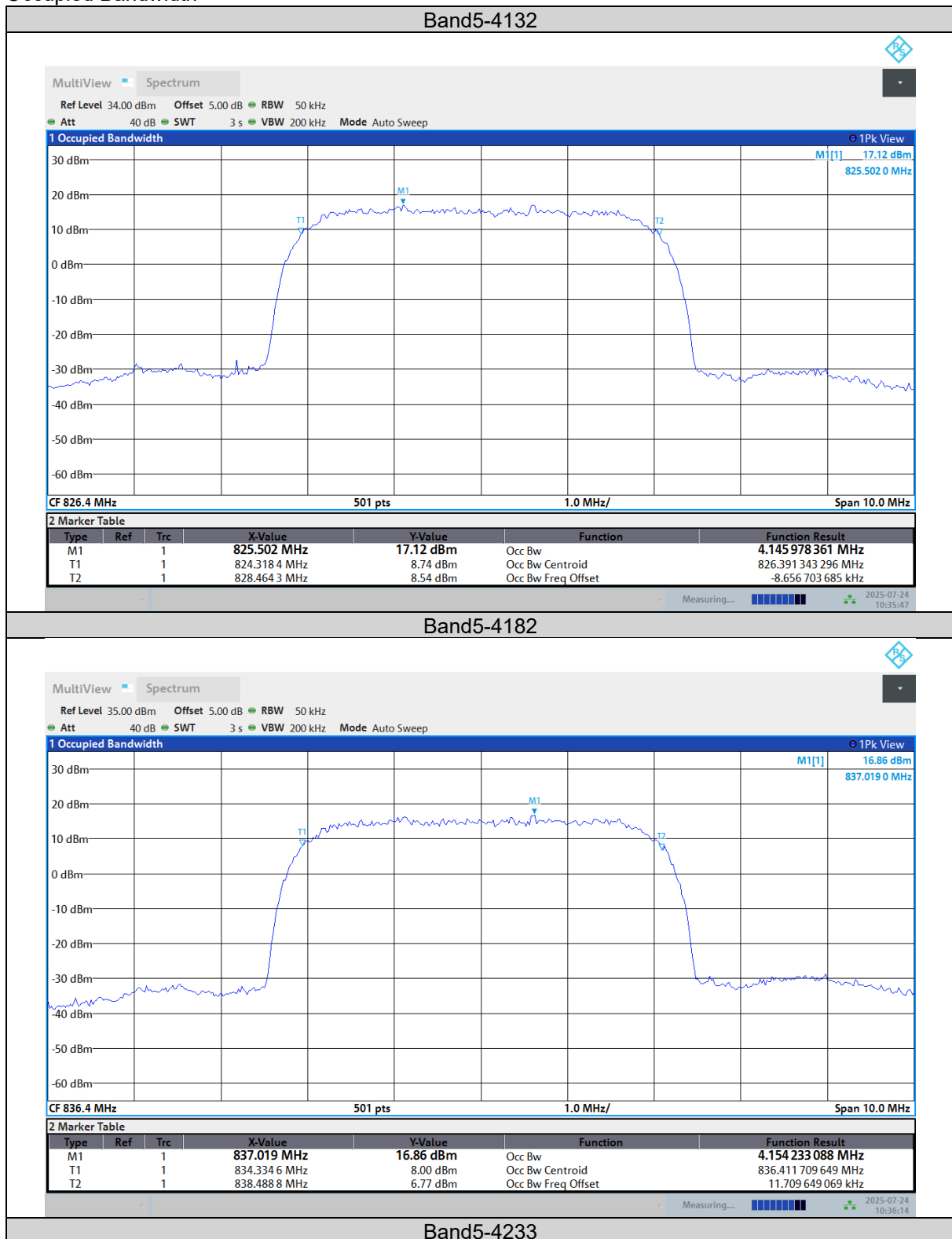
Test Result

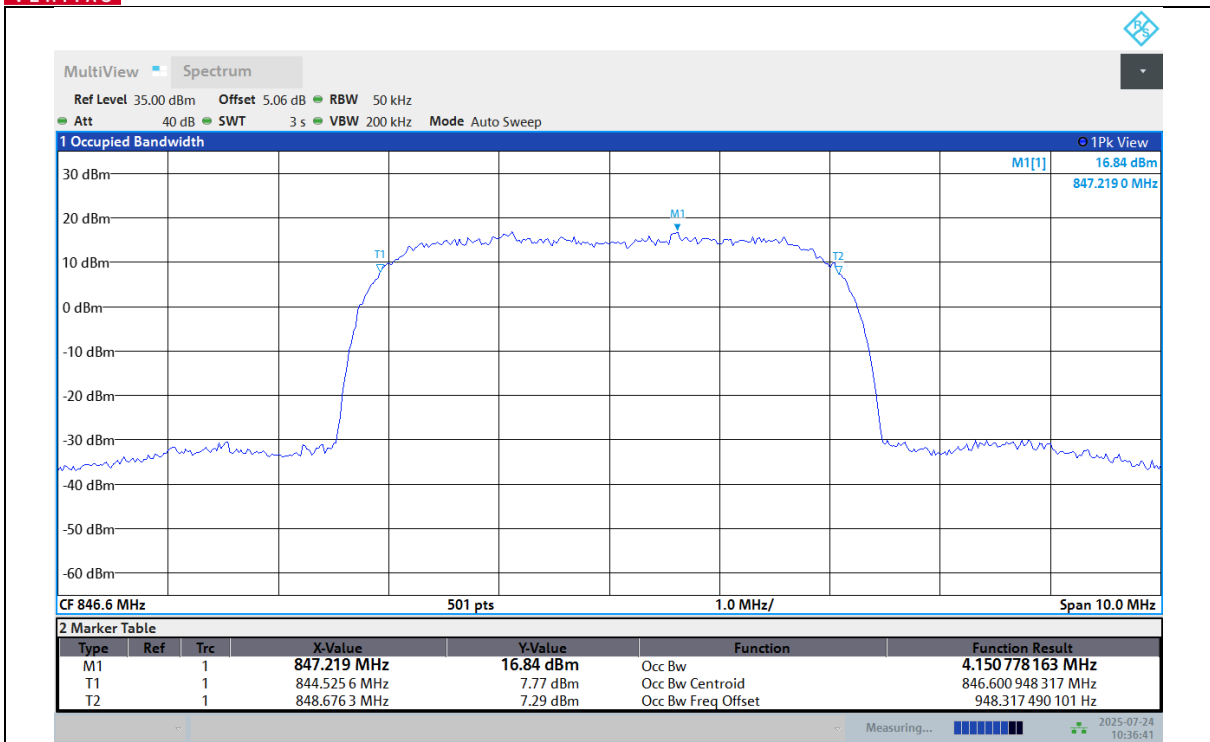
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	4132	4.146	4.67	PASS
Band5	4182	4.154	4.67	PASS
Band5	4233	4.151	4.67	PASS



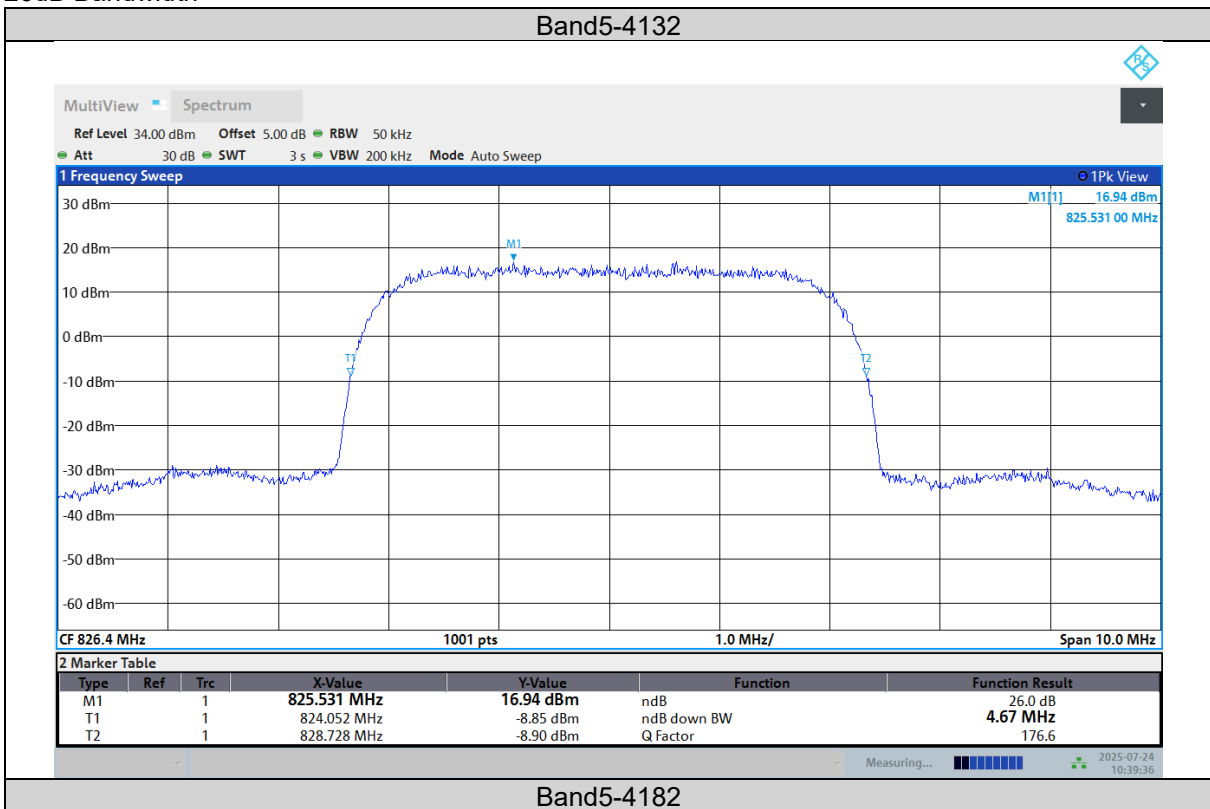
Test Graphs

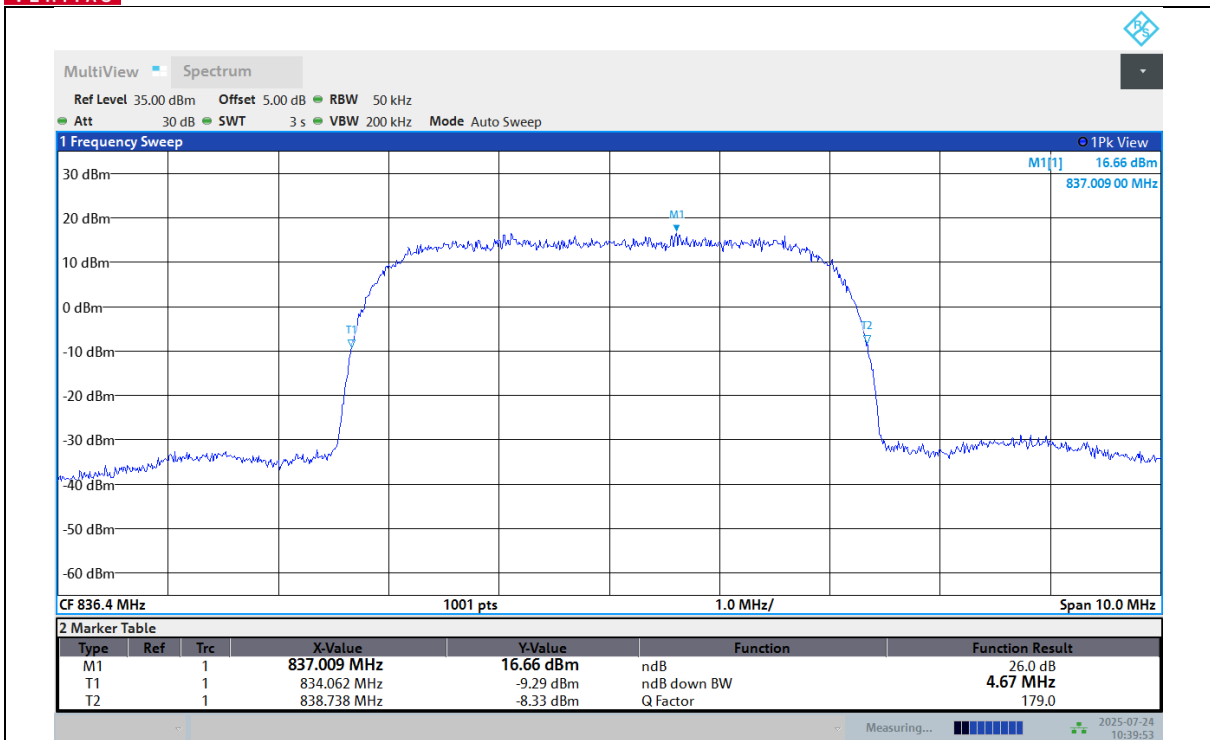
Occupied Bandwidth



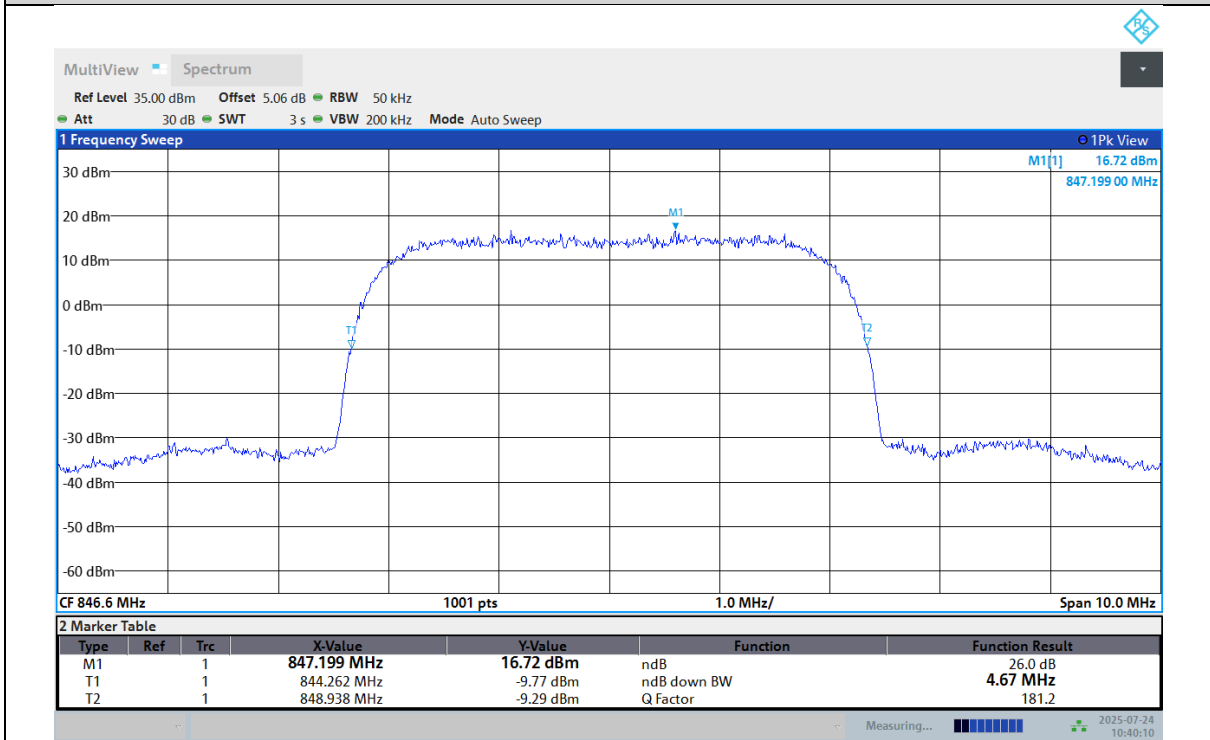


26dB Bandwidth





Band5-4233





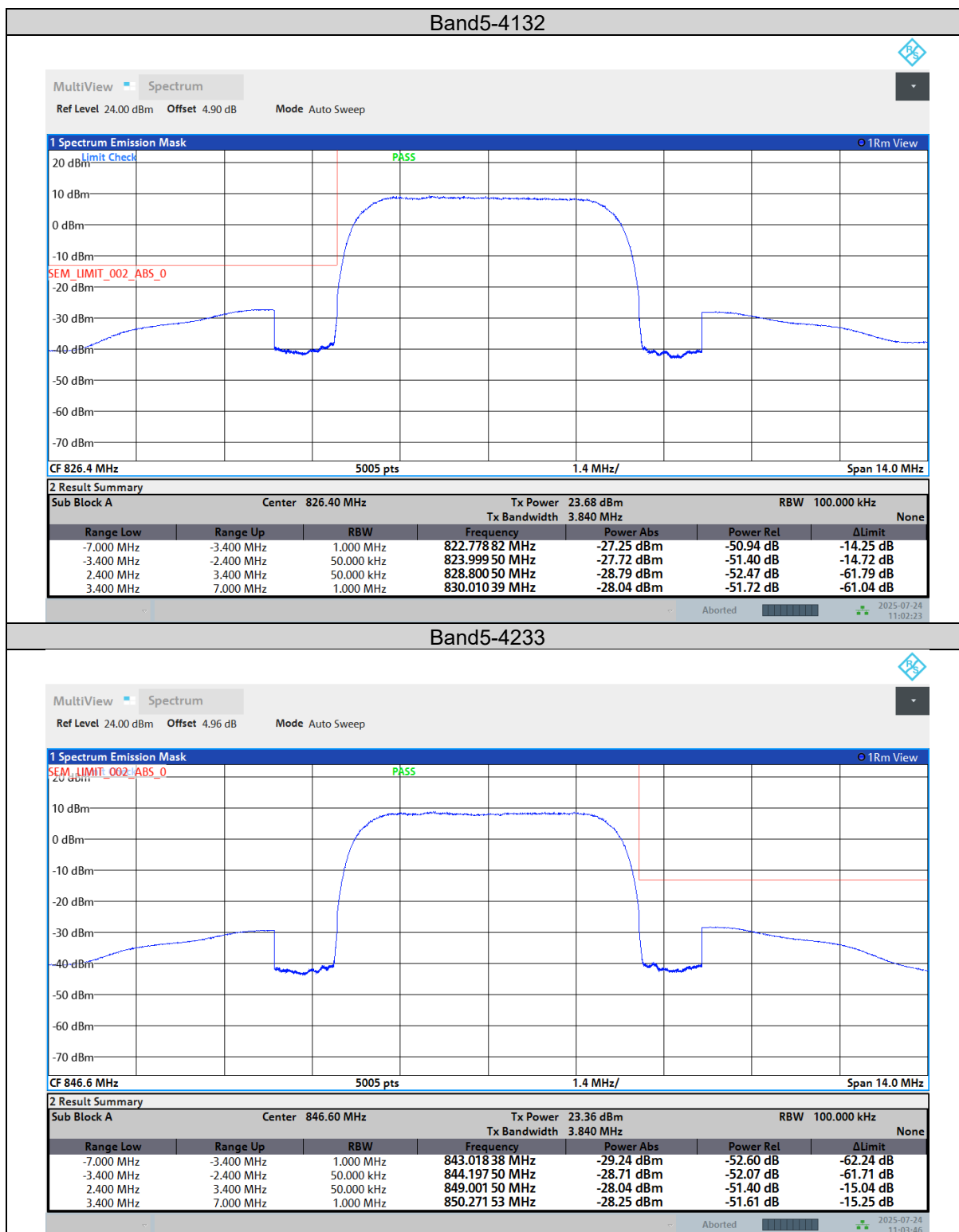
BAND EDGE

Test Result

Band	Channel	Result (dBm)	Limit(dBm)	Verdict
Band5	4132	See Graph	-13	PASS
Band5	4233	See Graph	-13	PASS



Test Graphs





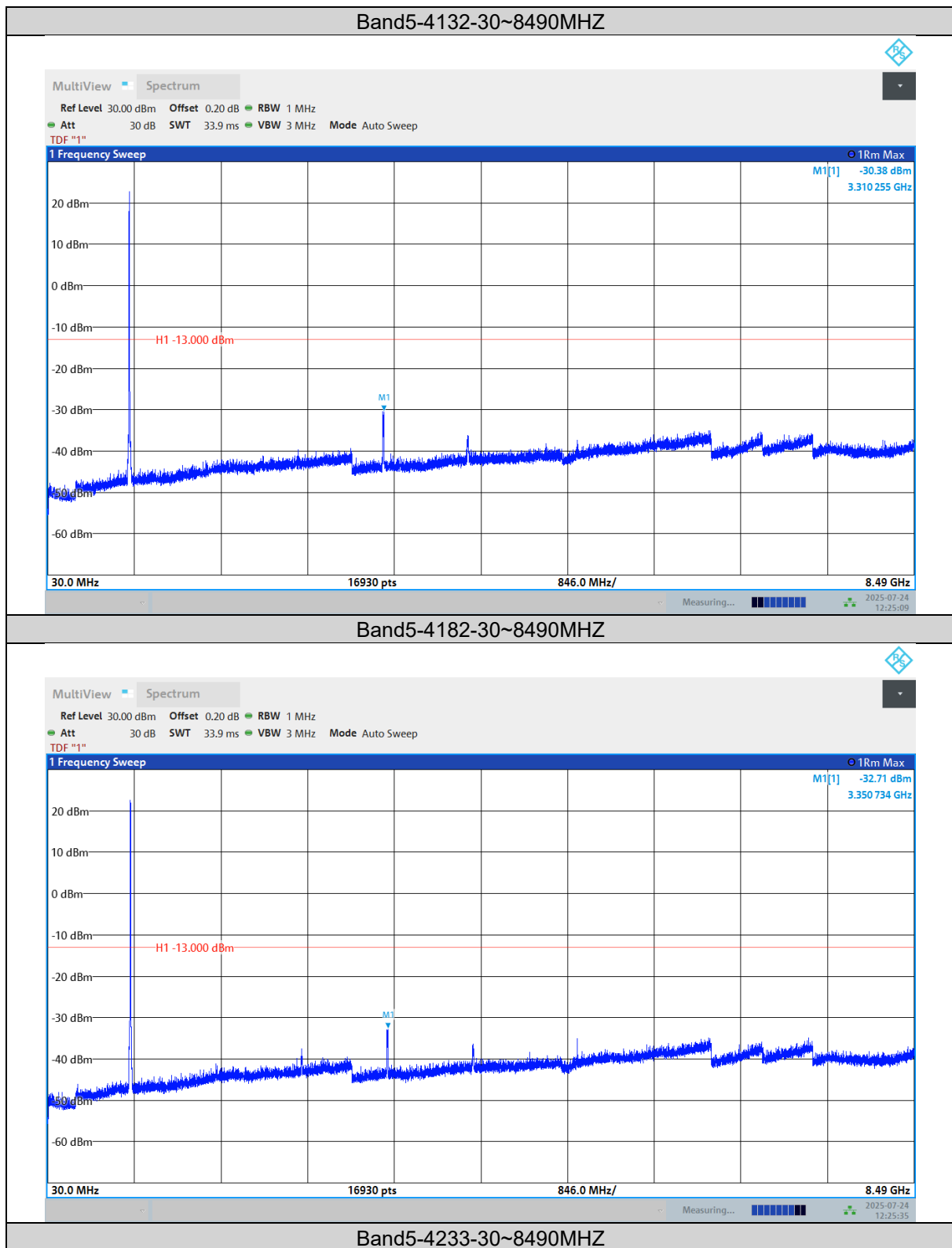
BUREAU VERITAS Test Report No.: PSU-QSZ2507090114RF01
CONDUCTED SPURIOUS EMISSION

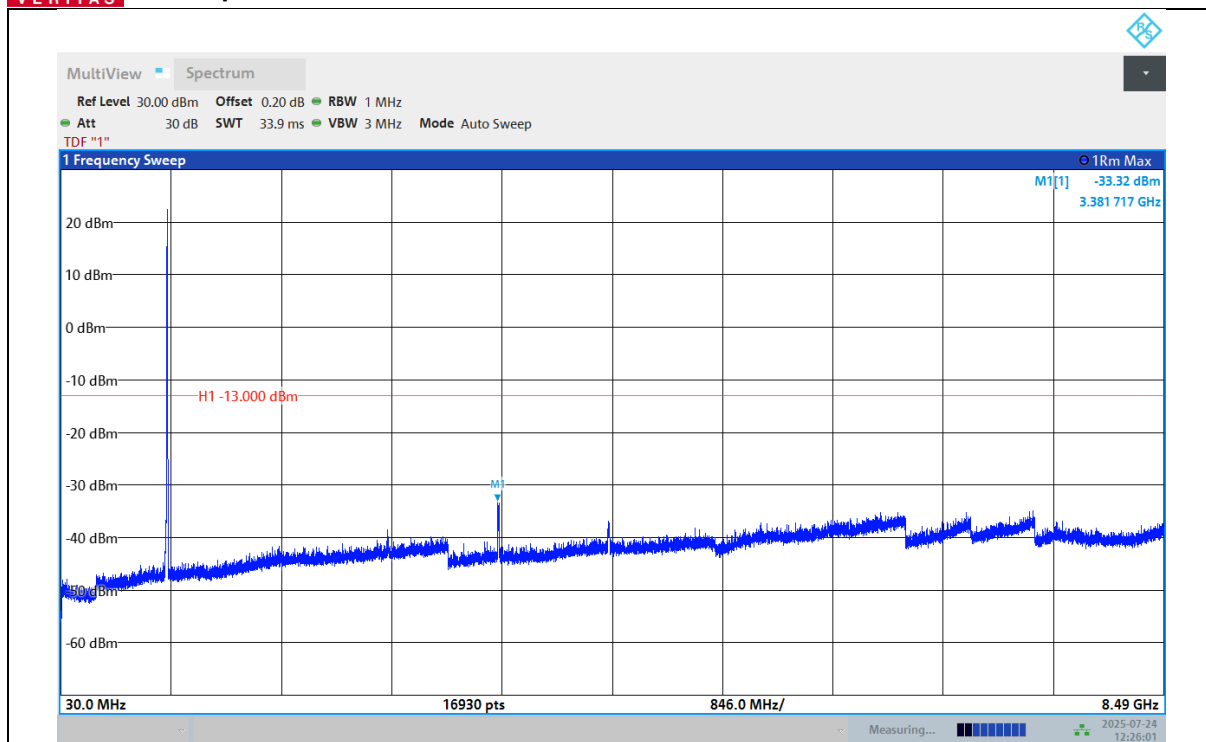
Test Result

Band	Channel	Frequency Range (Mhz)	Result (dBm)	Limit (dBm)	Verdict
Band5	4132	30~8490MHZ	See Graph	-13	PASS
Band5	4182	30~8490MHZ	See Graph	-13	PASS
Band5	4233	30~8490MHZ	See Graph	-13	PASS



Test Graphs





**FREQUENCY STABILITY****Test Result**

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	VL	NT	7.82	0.0095	±2.5	PASS
Band5	4132	VN	NT	4.12	0.0050	±2.5	PASS
Band5	4132	VH	NT	-74.78	-0.0905	±2.5	PASS
Band5	4182	VL	NT	-171.90	-0.2055	±2.5	PASS
Band5	4182	VN	NT	-102.74	-0.1228	±2.5	PASS
Band5	4182	VH	NT	-66.34	-0.0793	±2.5	PASS
Band5	4233	VL	NT	19.88	0.0235	±2.5	PASS
Band5	4233	VN	NT	-129.60	-0.1531	±2.5	PASS
Band5	4233	VH	NT	-147.44	-0.1742	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4132	NV	-30	-111.09	-0.1344	±2.5	PASS
Band5	4132	NV	-20	-51.85	-0.0627	±2.5	PASS
Band5	4132	NV	-10	-86.11	-0.1042	±2.5	PASS
Band5	4132	NV	0	-29.65	-0.0359	±2.5	PASS
Band5	4132	NV	10	-11.34	-0.0137	±2.5	PASS
Band5	4132	NV	20	-128.73	-0.1558	±2.5	PASS
Band5	4132	NV	30	-147.51	-0.1785	±2.5	PASS
Band5	4132	NV	40	-0.11	-0.0001	±2.5	PASS
Band5	4132	NV	50	-1.67	-0.0020	±2.5	PASS
Band5	4182	NV	-30	-21.56	-0.0258	±2.5	PASS
Band5	4182	NV	-20	-3.64	-0.0044	±2.5	PASS
Band5	4182	NV	-10	-153.24	-0.1832	±2.5	PASS
Band5	4182	NV	0	-113.44	-0.1356	±2.5	PASS
Band5	4182	NV	10	-58.80	-0.0703	±2.5	PASS
Band5	4182	NV	20	-120.54	-0.1441	±2.5	PASS
Band5	4182	NV	30	-103.17	-0.1233	±2.5	PASS
Band5	4182	NV	40	-178.25	-0.2131	±2.5	PASS
Band5	4182	NV	50	-161.05	-0.1925	±2.5	PASS
Band5	4233	NV	-30	-34.26	-0.0405	±2.5	PASS
Band5	4233	NV	-20	-6.01	-0.0071	±2.5	PASS
Band5	4233	NV	-10	-165.15	-0.1951	±2.5	PASS
Band5	4233	NV	0	18.06	0.0213	±2.5	PASS
Band5	4233	NV	10	-40.72	-0.0481	±2.5	PASS
Band5	4233	NV	20	-51.38	-0.0607	±2.5	PASS
Band5	4233	NV	30	-165.22	-0.1952	±2.5	PASS
Band5	4233	NV	40	-132.65	-0.1567	±2.5	PASS
Band5	4233	NV	50	-154.95	-0.1830	±2.5	PASS



LTE BAND26(INCLUDING LTE BAND5)

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
1.4MHz	QPSK	26797	1RB Low	5.90	13	PASS
1.4MHz	QPSK	26797	Full RB	6.10	13	PASS
1.4MHz	16QAM	26797	1RB Low	6.24	13	PASS
1.4MHz	16QAM	26797	Full RB	6.48	13	PASS
1.4MHz	QPSK	26915	1RB Low	5.56	13	PASS
1.4MHz	QPSK	26915	Full RB	5.90	13	PASS
1.4MHz	16QAM	26915	1RB Low	6.86	13	PASS
1.4MHz	16QAM	26915	Full RB	6.32	13	PASS
1.4MHz	QPSK	27033	1RB Low	5.42	13	PASS
1.4MHz	QPSK	27033	Full RB	5.90	13	PASS
1.4MHz	16QAM	27033	1RB Low	5.80	13	PASS
1.4MHz	16QAM	27033	Full RB	6.46	13	PASS
3MHz	QPSK	26805	1RB Low	5.84	13	PASS
3MHz	QPSK	26805	Full RB	5.84	13	PASS
3MHz	16QAM	26805	1RB Low	6.36	13	PASS
3MHz	16QAM	26805	Full RB	6.62	13	PASS
3MHz	QPSK	26915	1RB Low	5.76	13	PASS
3MHz	QPSK	26915	Full RB	5.76	13	PASS
3MHz	16QAM	26915	1RB Low	6.22	13	PASS
3MHz	16QAM	26915	Full RB	6.64	13	PASS
3MHz	QPSK	27025	1RB Low	5.52	13	PASS
3MHz	QPSK	27025	Full RB	5.80	13	PASS
3MHz	16QAM	27025	1RB Low	6.02	13	PASS
3MHz	16QAM	27025	Full RB	6.52	13	PASS
5MHz	QPSK	26815	1RB Low	5.74	13	PASS
5MHz	QPSK	26815	Full RB	5.88	13	PASS
5MHz	16QAM	26815	1RB Low	6.38	13	PASS
5MHz	16QAM	26815	Full RB	6.60	13	PASS
5MHz	QPSK	26915	1RB Low	2.90	13	PASS
5MHz	QPSK	26915	Full RB	5.86	13	PASS
5MHz	16QAM	26915	1RB Low	5.80	13	PASS
5MHz	16QAM	26915	Full RB	6.54	13	PASS
5MHz	QPSK	27015	1RB Low	5.66	13	PASS
5MHz	QPSK	27015	Full RB	3.34	13	PASS
5MHz	16QAM	27015	1RB Low	3.40	13	PASS
5MHz	16QAM	27015	Full RB	6.52	13	PASS
10MHz	QPSK	26840	1RB Low	3.14	13	PASS
10MHz	QPSK	26840	Full RB	4.00	13	PASS
10MHz	16QAM	26840	1RB Low	6.98	13	PASS
10MHz	16QAM	26840	Full RB	6.64	13	PASS
10MHz	QPSK	26915	1RB Low	5.78	13	PASS
10MHz	QPSK	26915	Full RB	5.80	13	PASS
10MHz	16QAM	26915	1RB Low	7.18	13	PASS
10MHz	16QAM	26915	Full RB	4.46	13	PASS

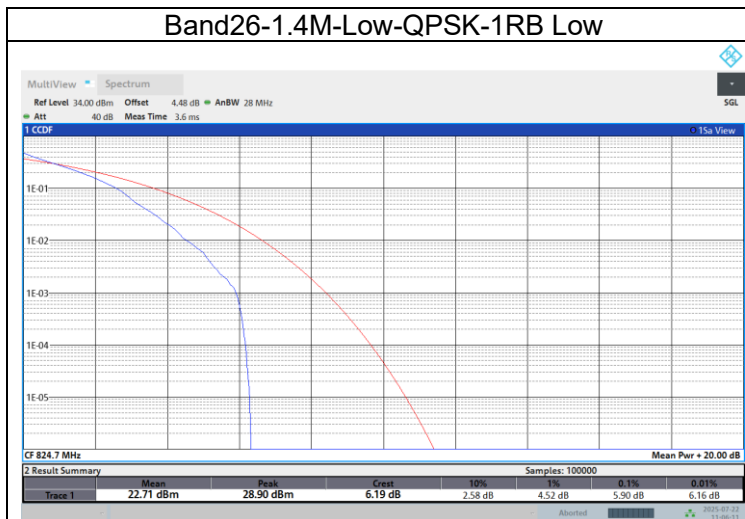


10MHz	QPSK	26990	1RB Low	5.46	13	PASS
10MHz	QPSK	26990	Full RB	5.70	13	PASS
10MHz	16QAM	26990	1RB Low	6.04	13	PASS
10MHz	16QAM	26990	Full RB	6.50	13	PASS
15MHz	QPSK	26865	1RB Low	5.92	13	PASS
15MHz	QPSK	26865	Full RB	6.36	13	PASS
15MHz	16QAM	26865	1RB Low	6.70	13	PASS
15MHz	16QAM	26865	Full RB	6.76	13	PASS
15MHz	QPSK	26915	1RB Low	5.48	13	PASS
15MHz	QPSK	26915	Full RB	6.22	13	PASS
15MHz	16QAM	26915	1RB Low	6.52	13	PASS
15MHz	16QAM	26915	Full RB	6.58	13	PASS
15MHz	QPSK	26965	1RB Low	5.70	13	PASS
15MHz	QPSK	26965	Full RB	6.02	13	PASS
15MHz	16QAM	26965	1RB Low	6.40	13	PASS
15MHz	16QAM	26965	Full RB	4.76	13	PASS

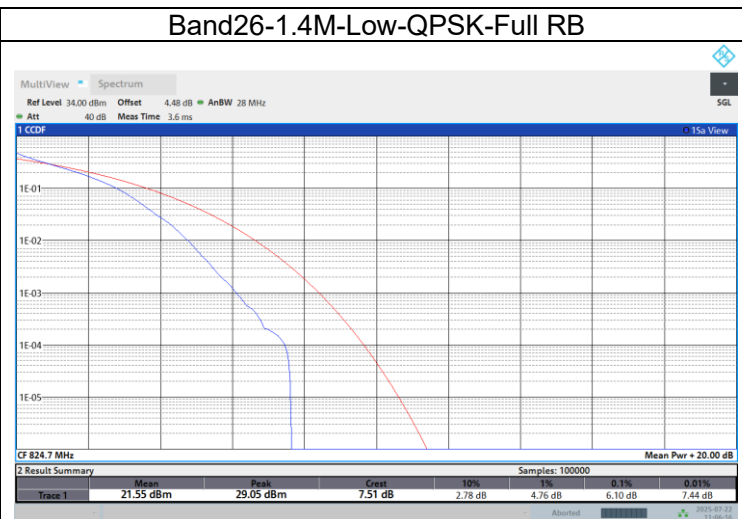


Test Graphs

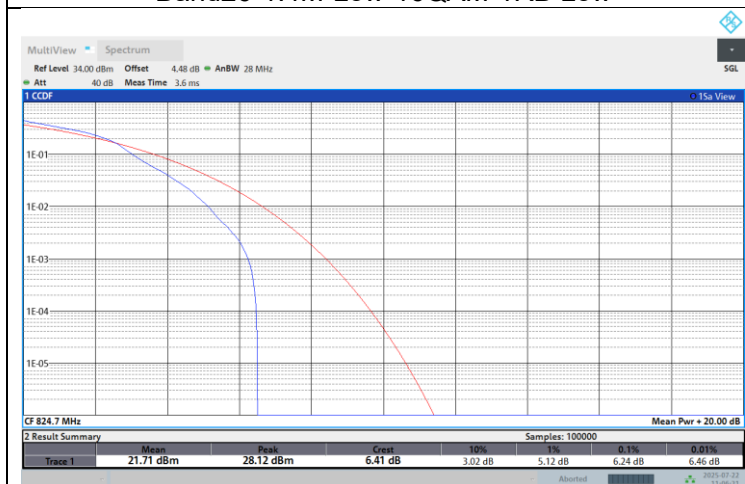
Band26-1.4M-Low-QPSK-1RB Low



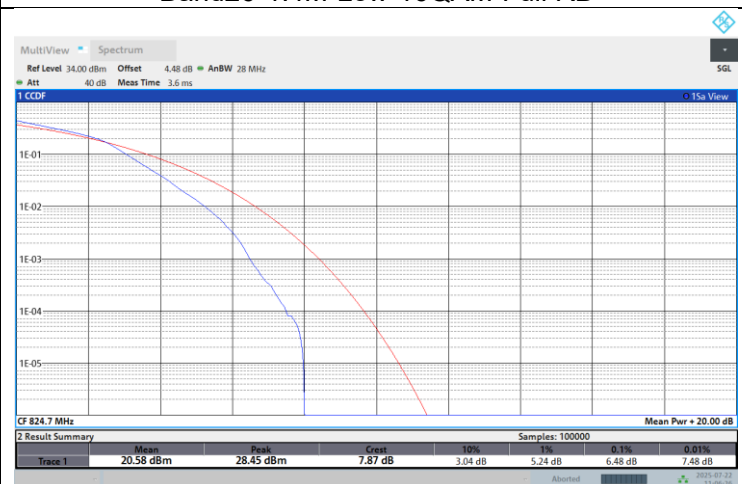
Band26-1.4M-Low-QPSK-Full RB



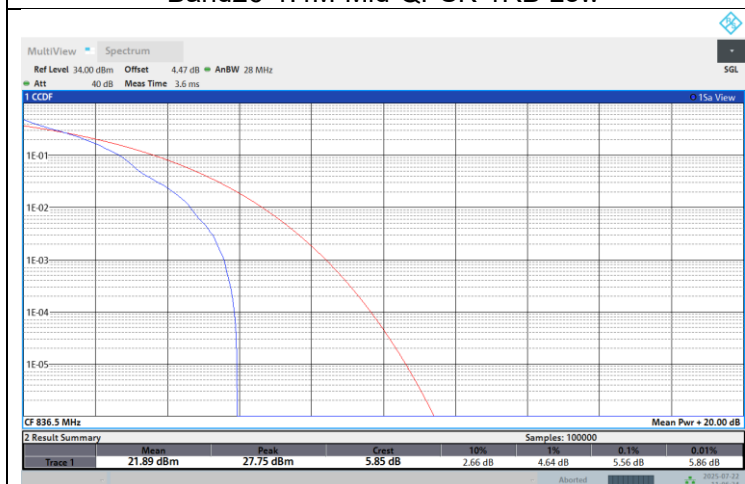
Band26-1.4M-Low-16QAM-1RB Low



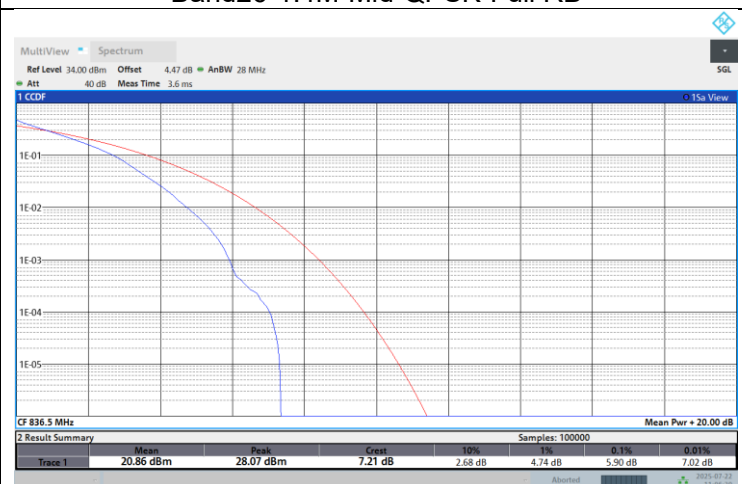
Band26-1.4M-Low-16QAM-Full RB



Band26-1.4M-Mid-QPSK-1RB Low



Band26-1.4M-Mid-QPSK-Full RB

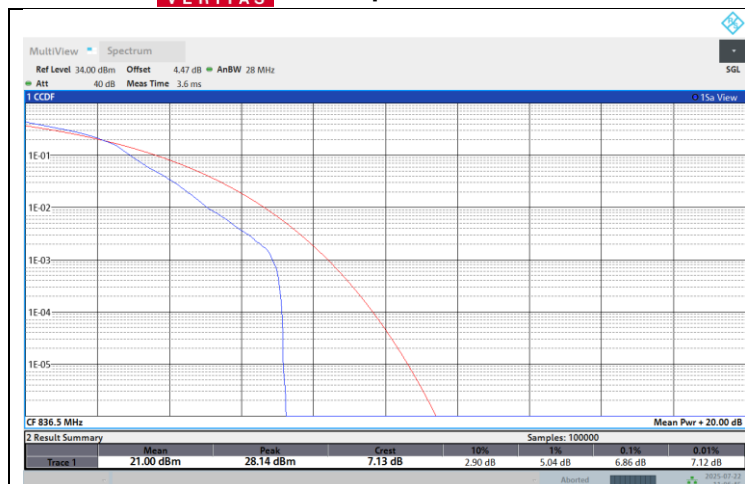


Band26-1.4M-Mid-16QAM-1RB Low

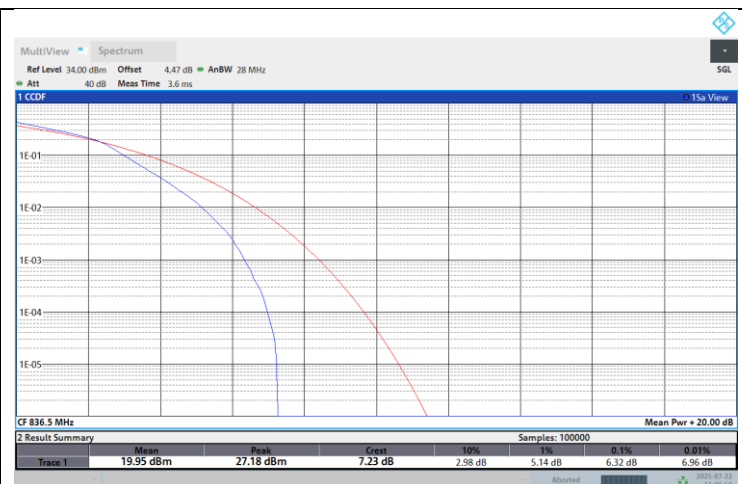


Band26-1.4M-Mid-16QAM-Full RB

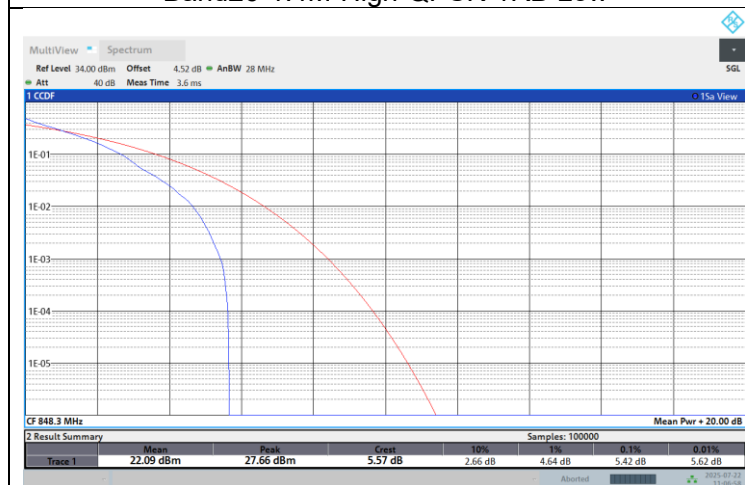




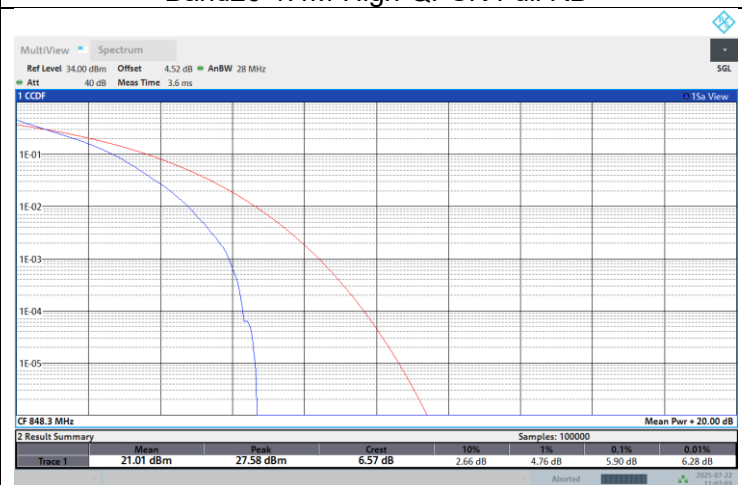
Band26-1.4M-High-QPSK-1RB Low



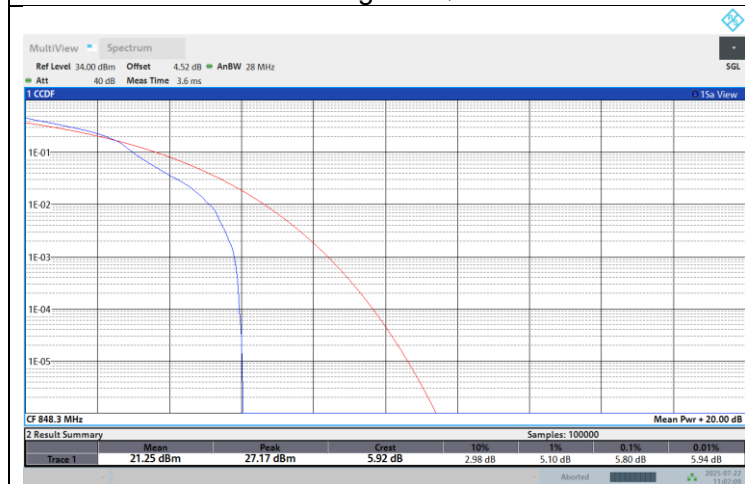
Band26-1.4M-High-QPSK-Full RB



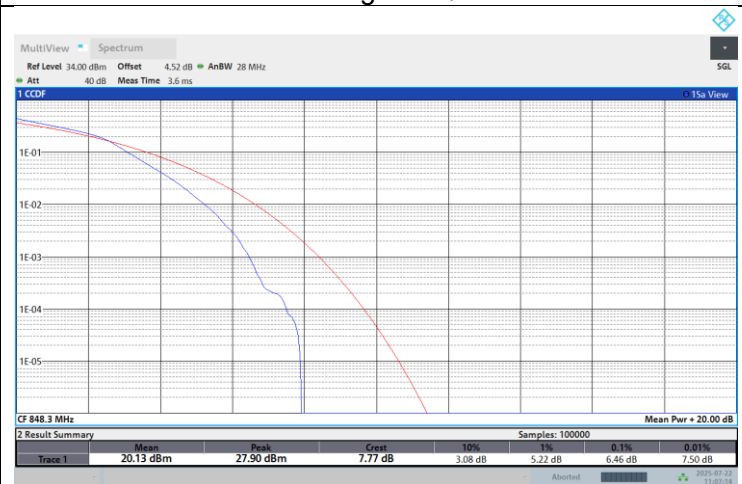
Band26-1.4M-High-16QAM-1RB Low



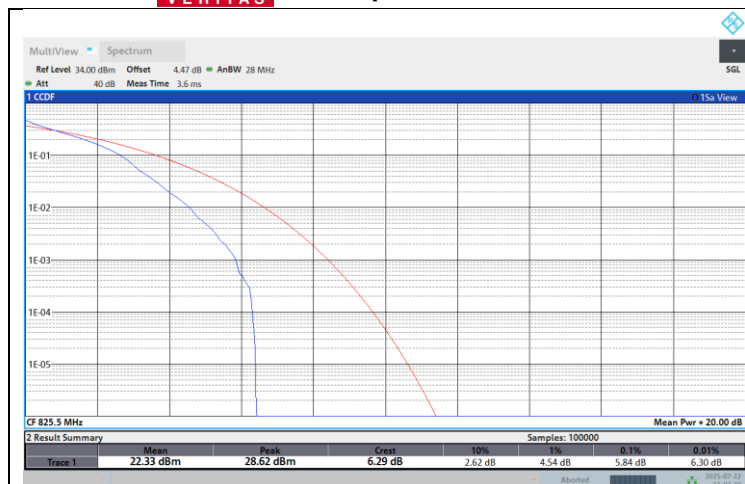
Band26-1.4M-High-16QAM-Full RB



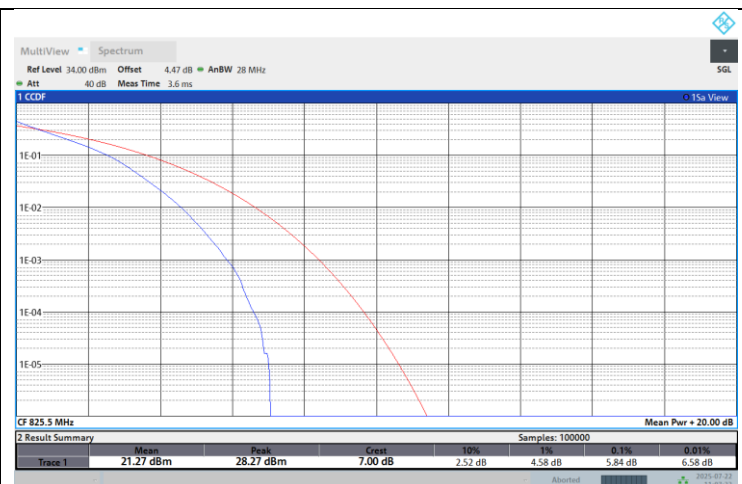
Band26-3M-Low-QPSK-1RB Low



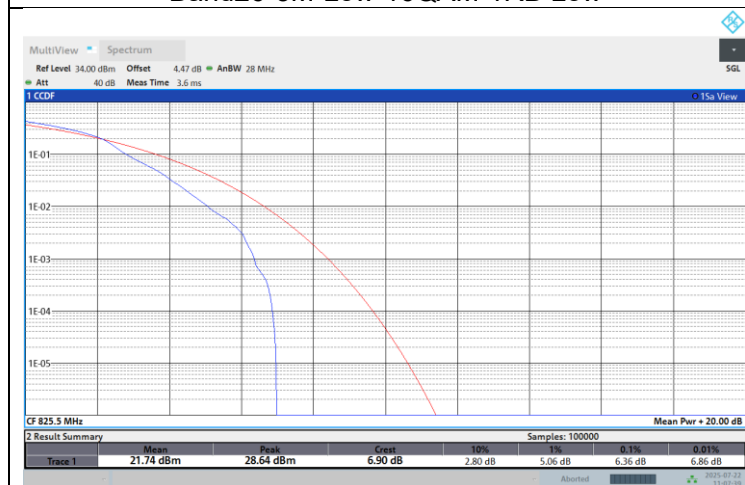
Band26-3M-Low-QPSK-Full RB



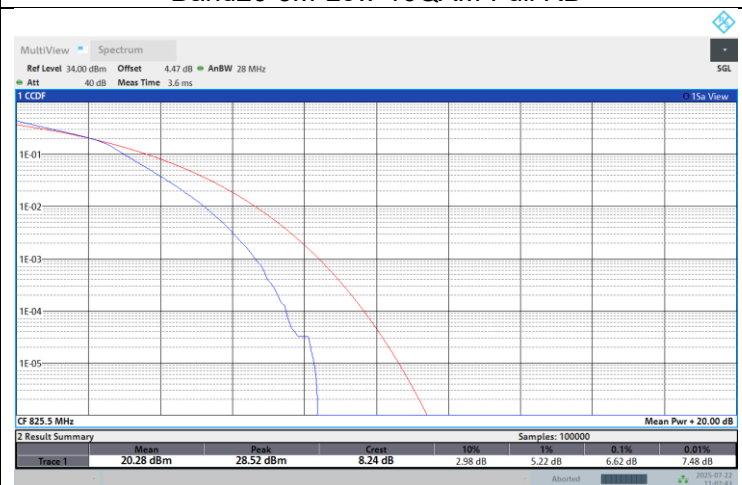
Band26-3M-Low-16QAM-1RB Low



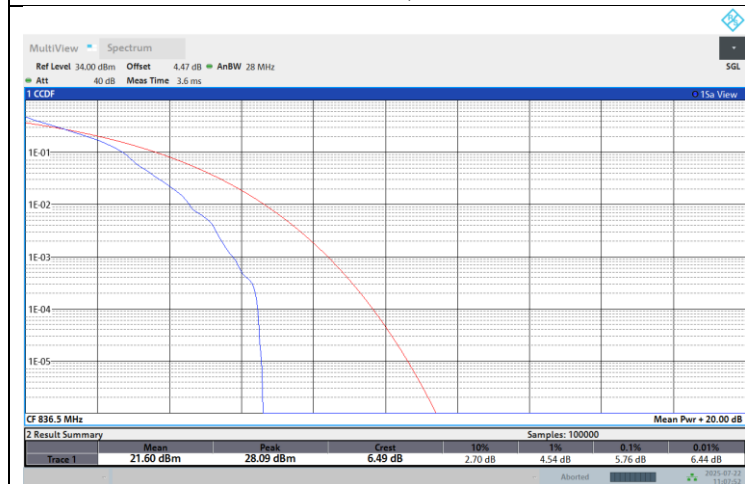
Band26-3M-Low-16QAM-Full RB



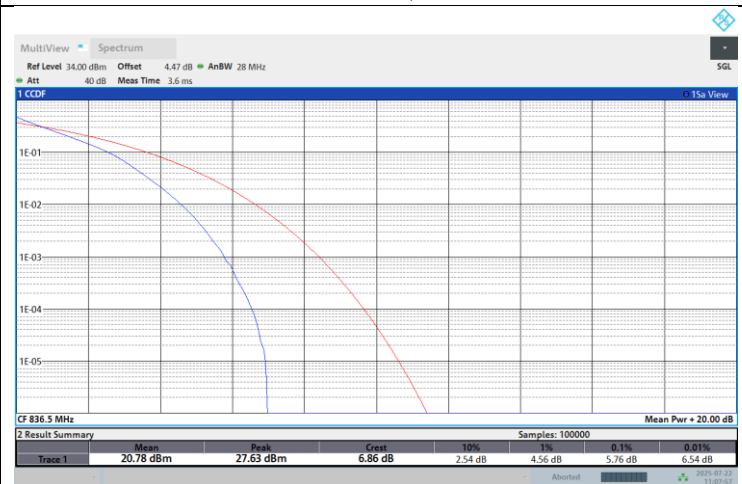
Band26-3M-Mid-QPSK-1RB Low



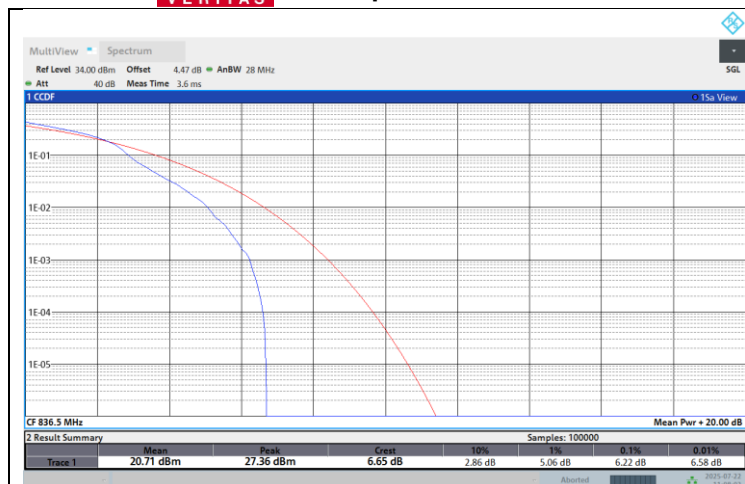
Band26-3M-Mid-QPSK-Full RB



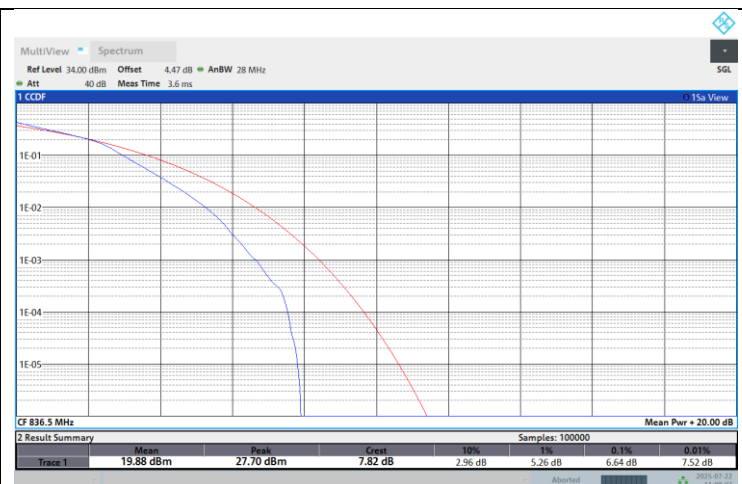
Band26-3M-Mid-16QAM-1RB Low



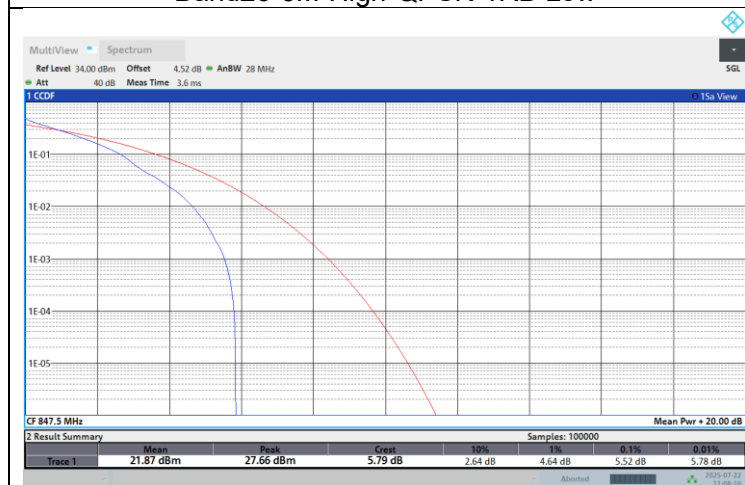
Band26-3M-Mid-16QAM-Full RB



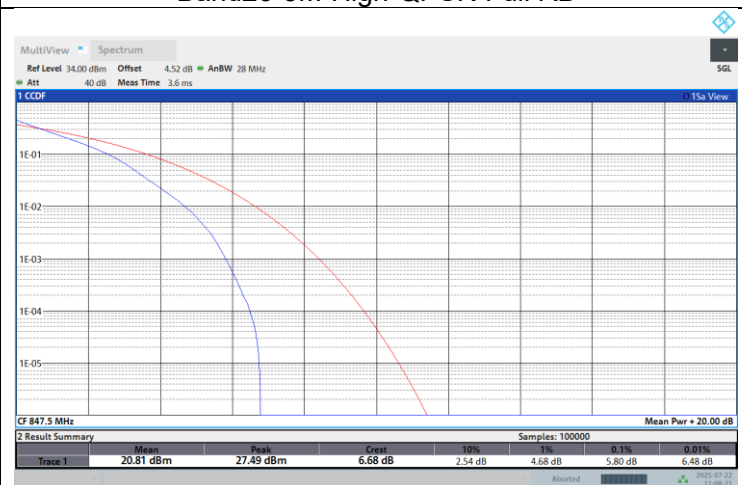
Band26-3M-High-QPSK-1RB Low



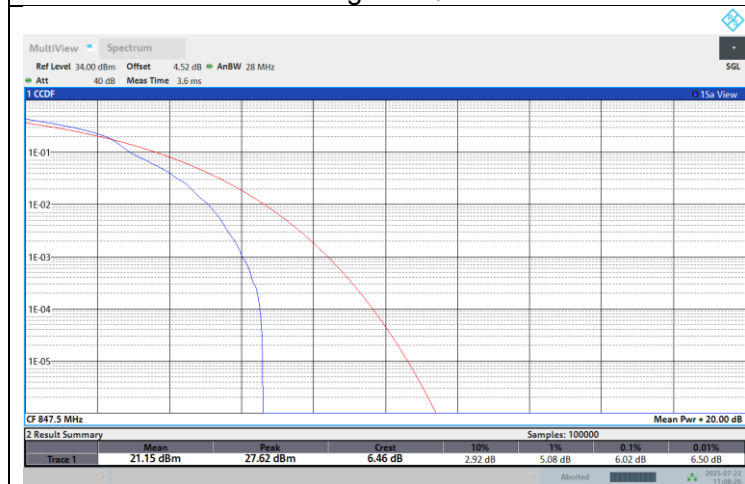
Band26-3M-High-QPSK-Full RB



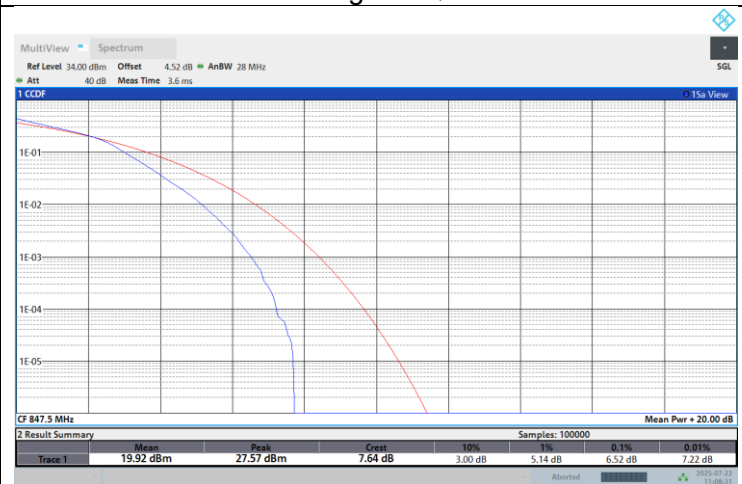
Band26-3M-High-16QAM-1RB Low



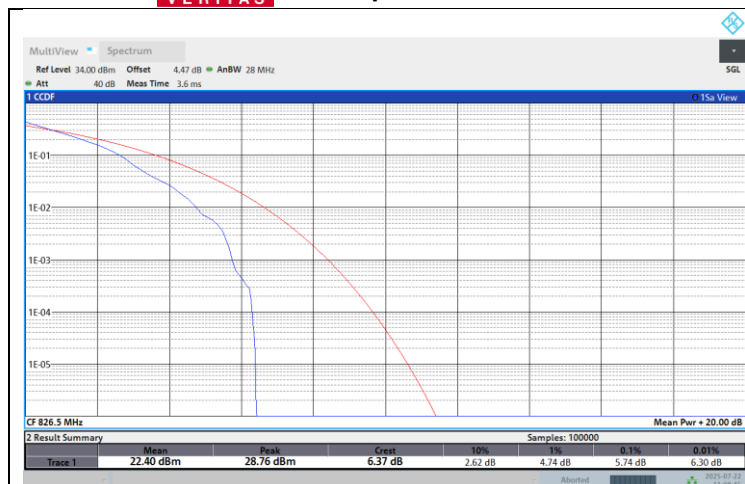
Band26-3M-High-16QAM-Full RB



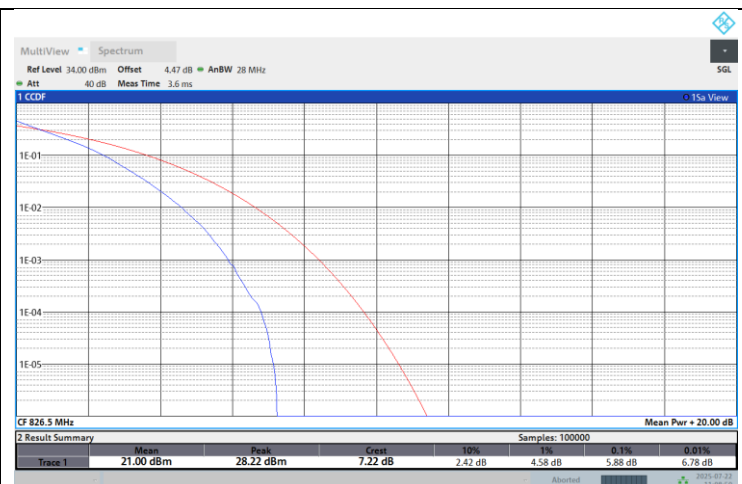
Band26-5M-Low-QPSK-1RB Low



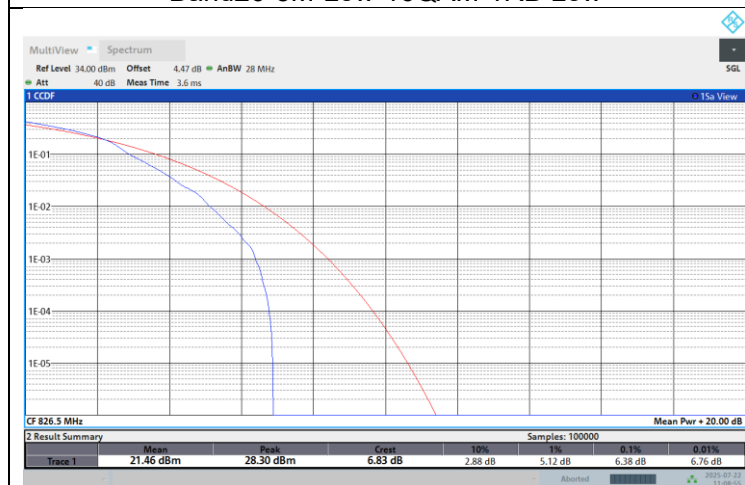
Band26-5M-Low-QPSK-Full RB



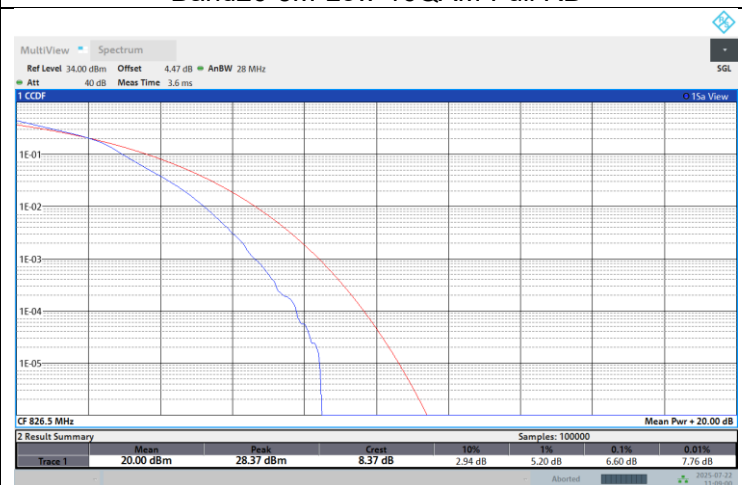
Band26-5M-Low-16QAM-1RB Low



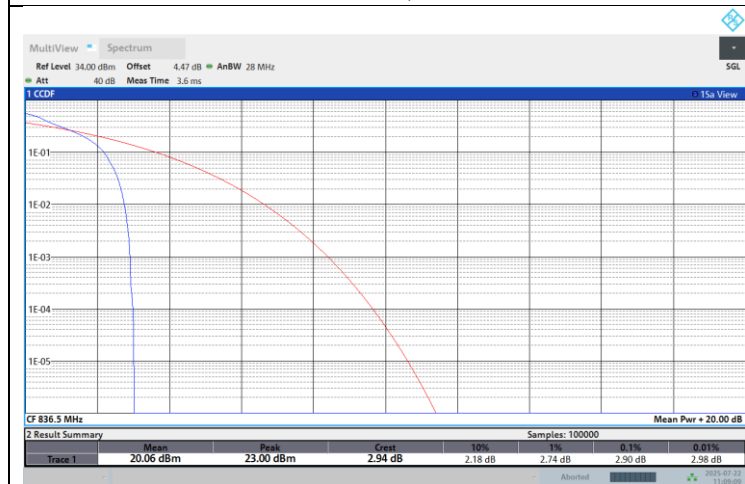
Band26-5M-Low-16QAM-Full RB



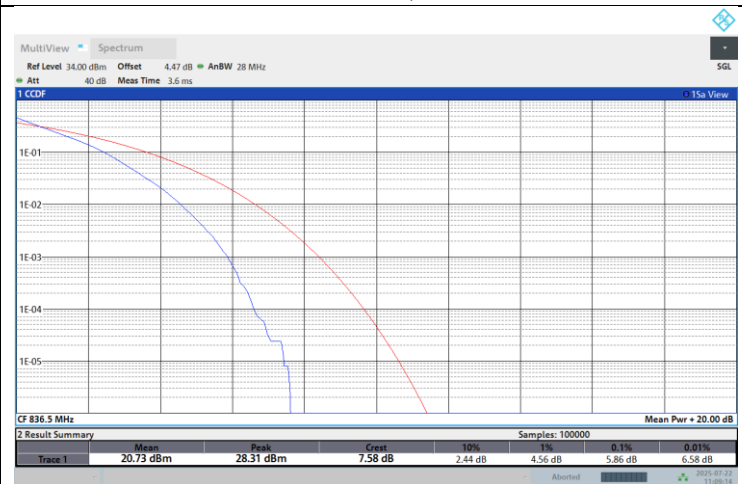
Band26-5M-Mid-QPSK-1RB Low



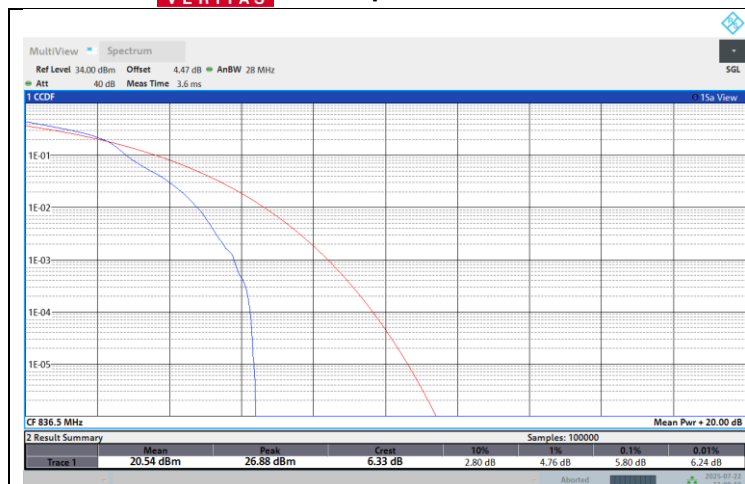
Band26-5M-Mid-QPSK-Full RB



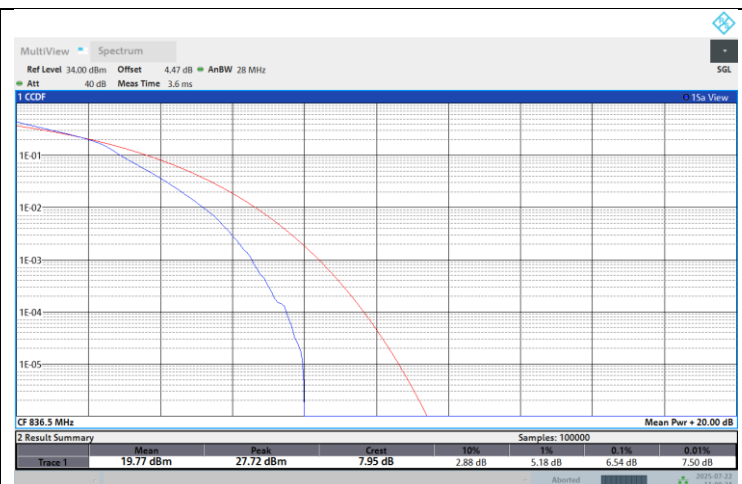
Band26-5M-Mid-16QAM-1RB Low



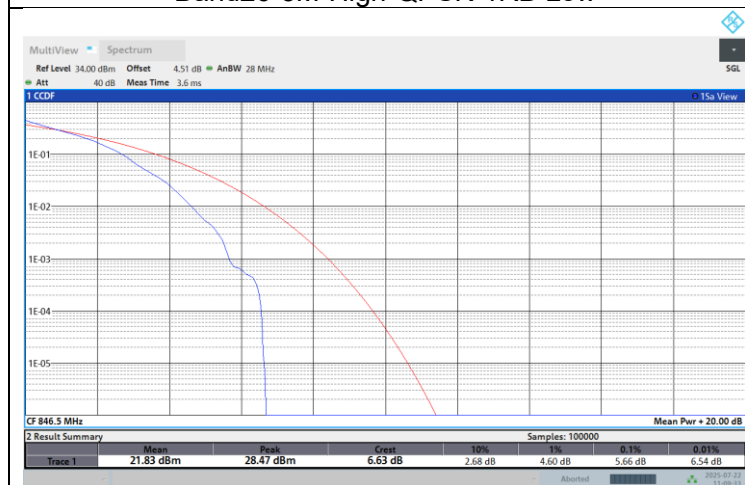
Band26-5M-Mid-16QAM-Full RB



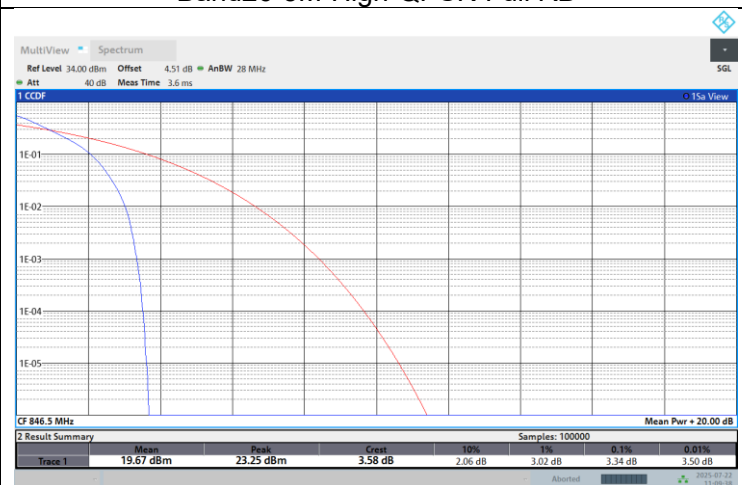
Band26-5M-High-QPSK-1RB Low



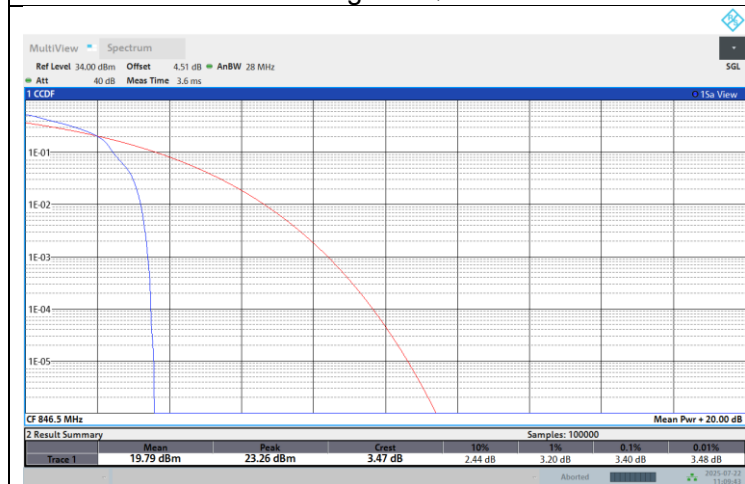
Band26-5M-High-QPSK-Full RB



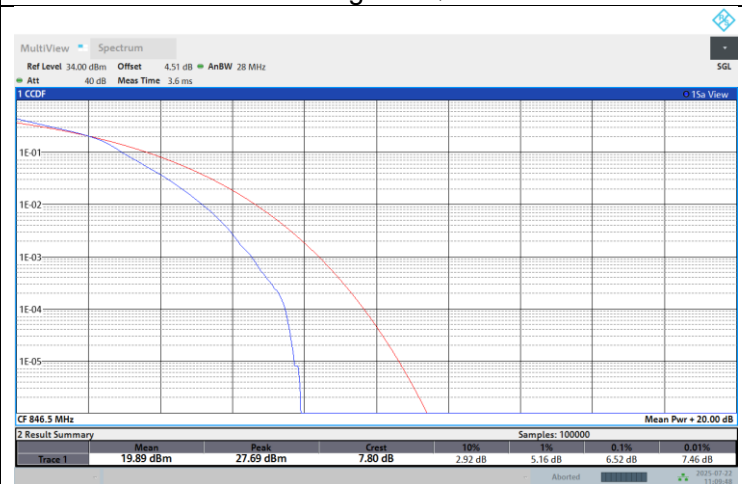
Band26-5M-High-16QAM-1RB Low



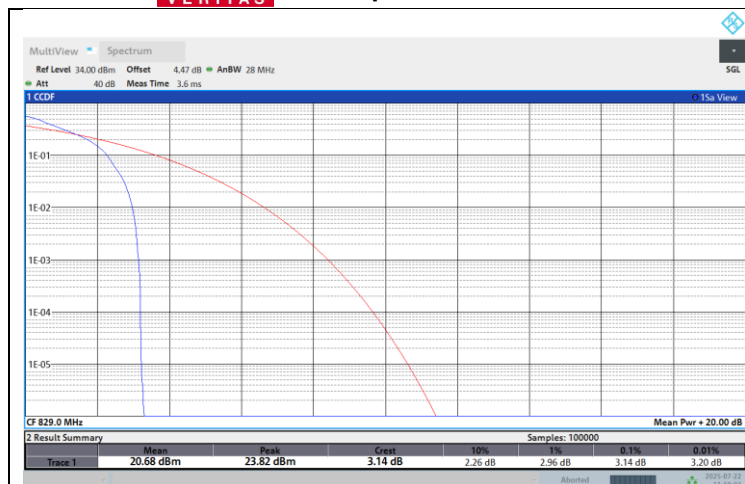
Band26-5M-High-16QAM-Full RB



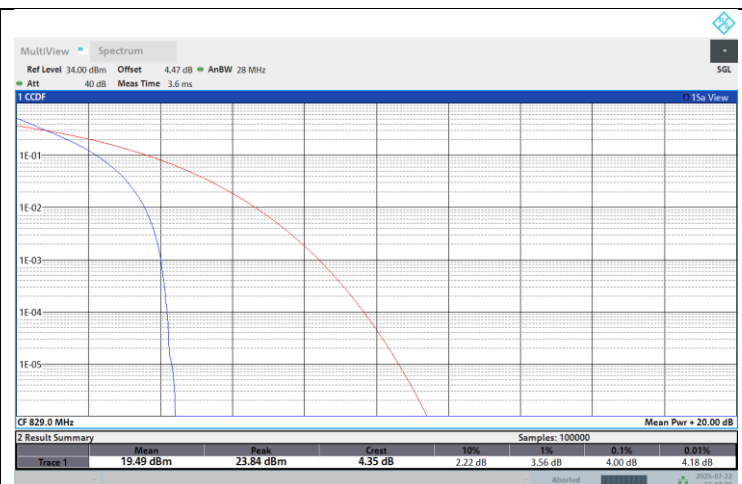
Band26-10M-Low-QPSK-1RB Low



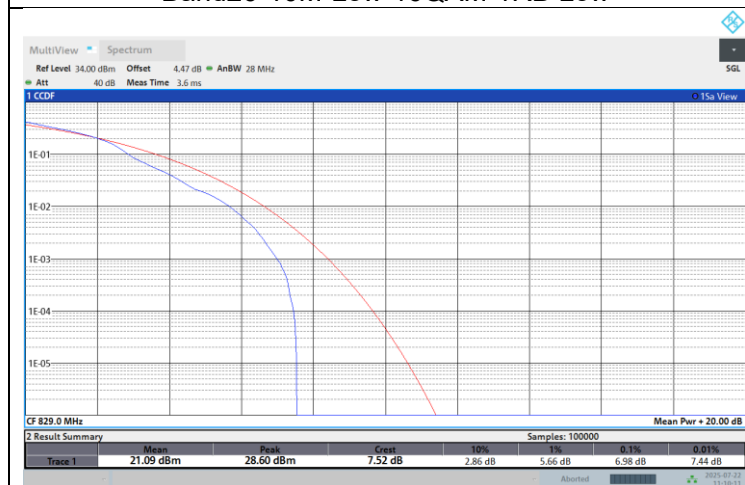
Band26-10M-Low-QPSK-Full RB



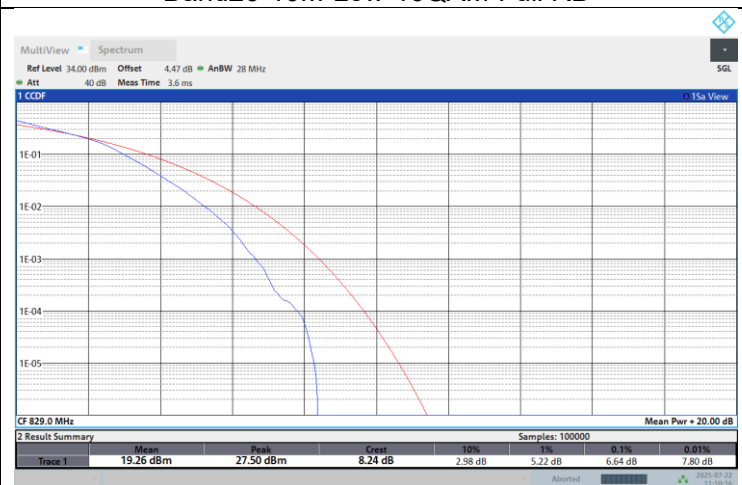
Band26-10M-Low-16QAM-1RB Low



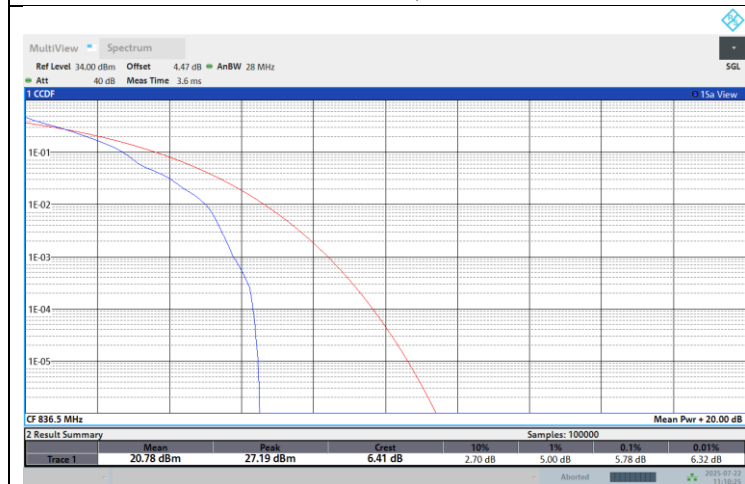
Band26-10M-Low-16QAM-Full RB



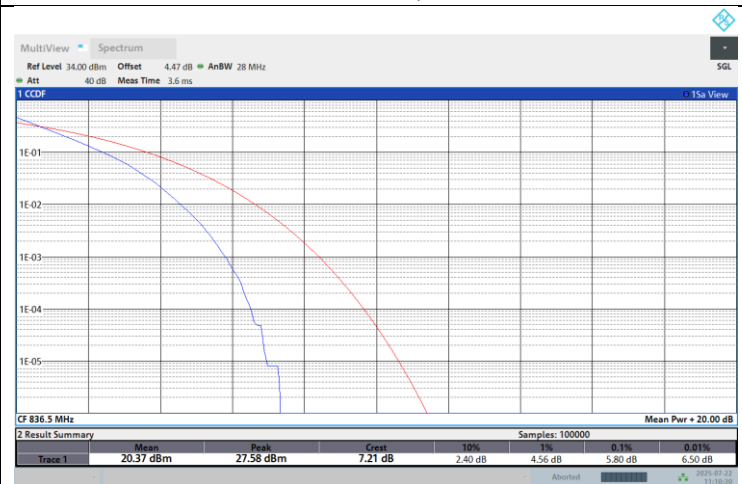
Band26-10M-Mid-QPSK-1RB Low



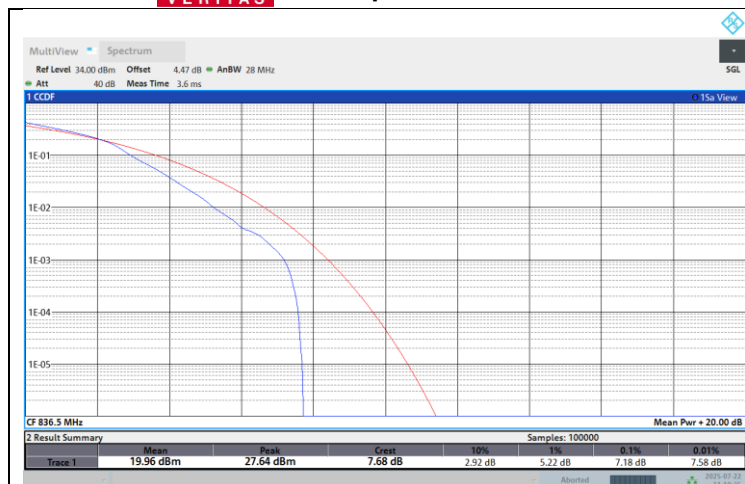
Band26-10M-Mid-QPSK-Full RB



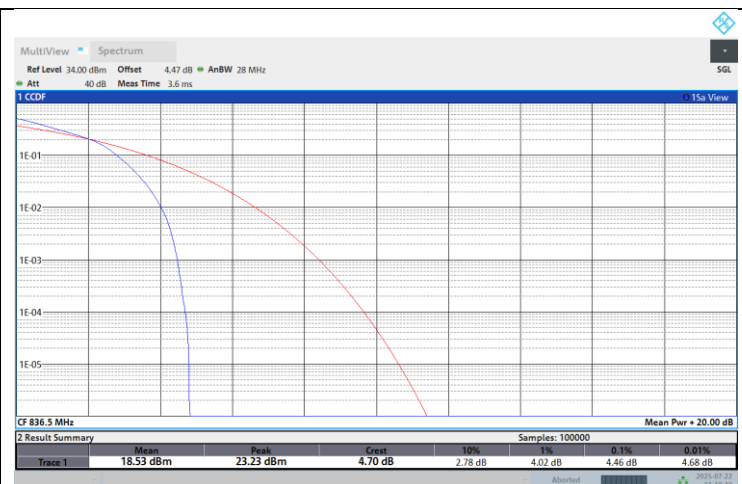
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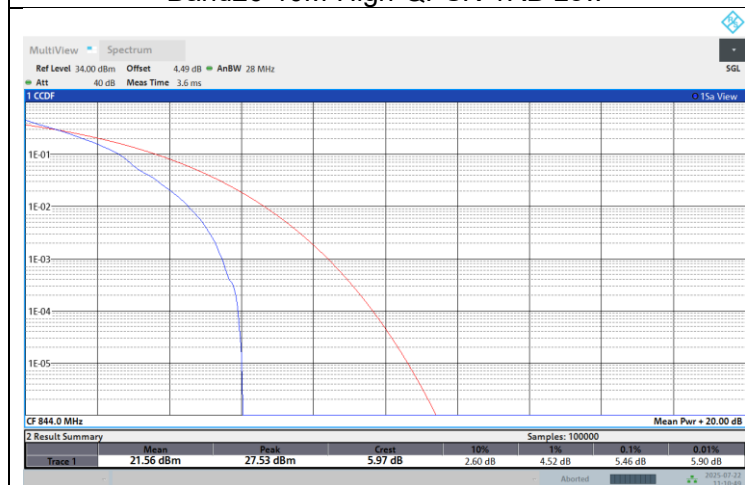
Band26-10M-Mid-16QAM-Full RB



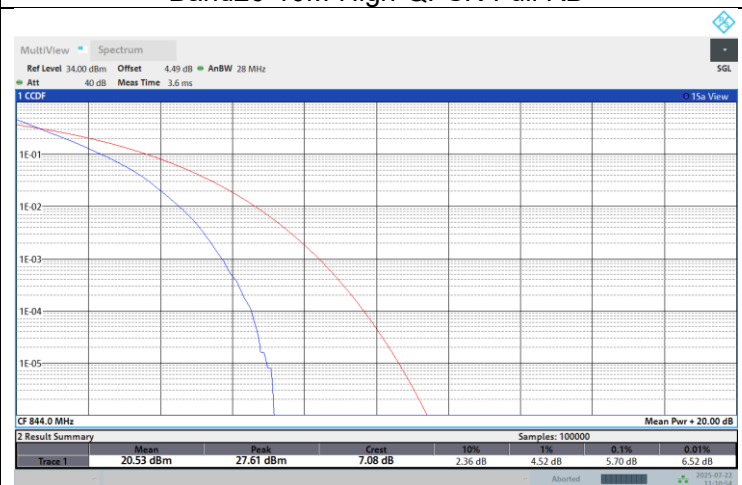
Band26-10M-High-QPSK-1RB Low



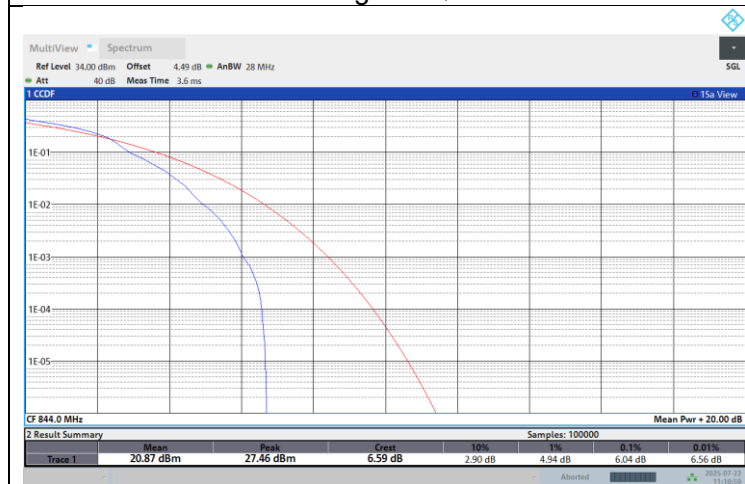
Band26-10M-High-QPSK-Full RB



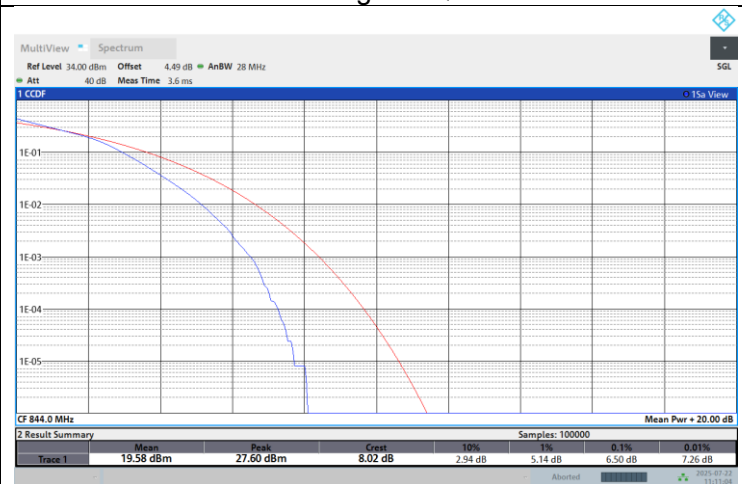
Band26-10M-High-16QAM-1RB Low



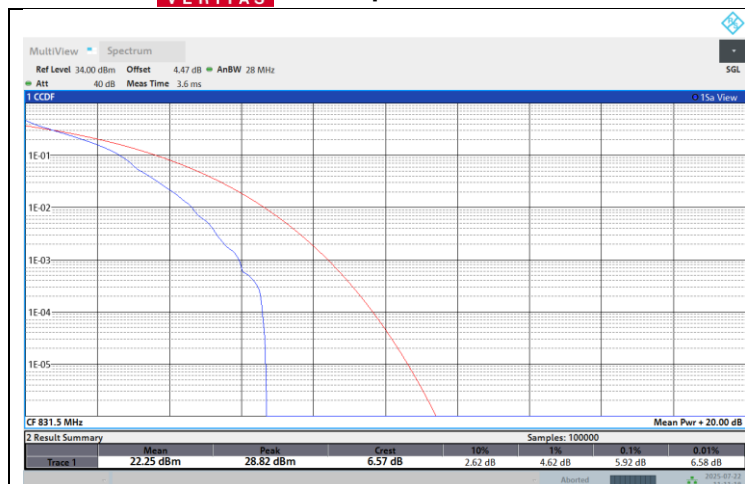
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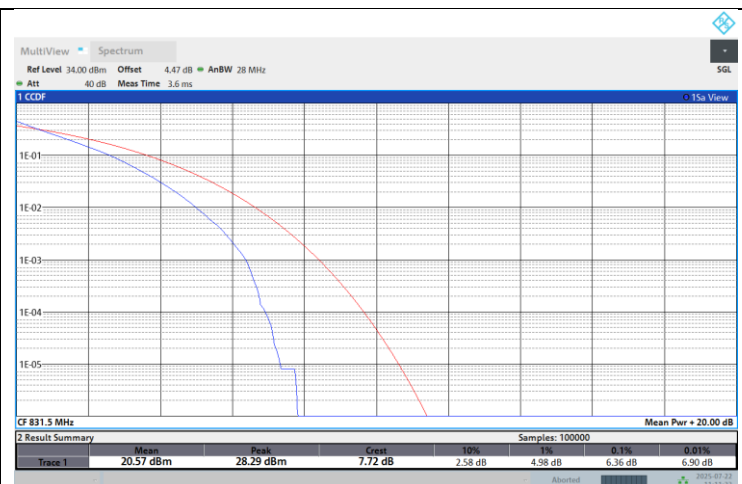
Band26-15M-Low-QPSK-1RB Low



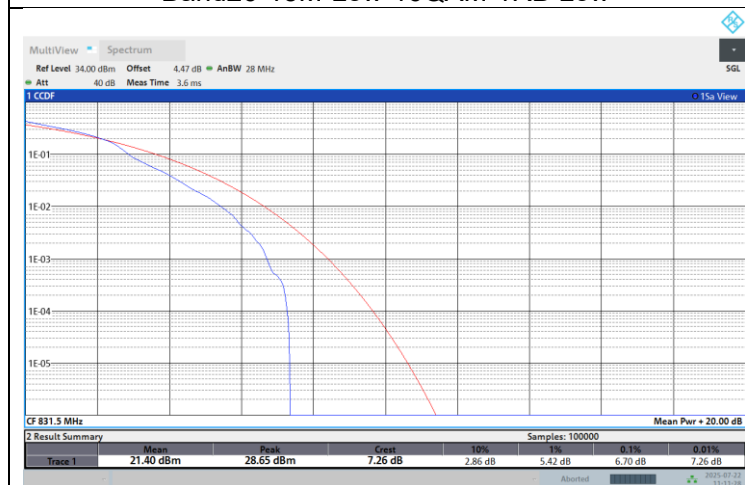
Band26-15M-Low-QPSK-Full RB



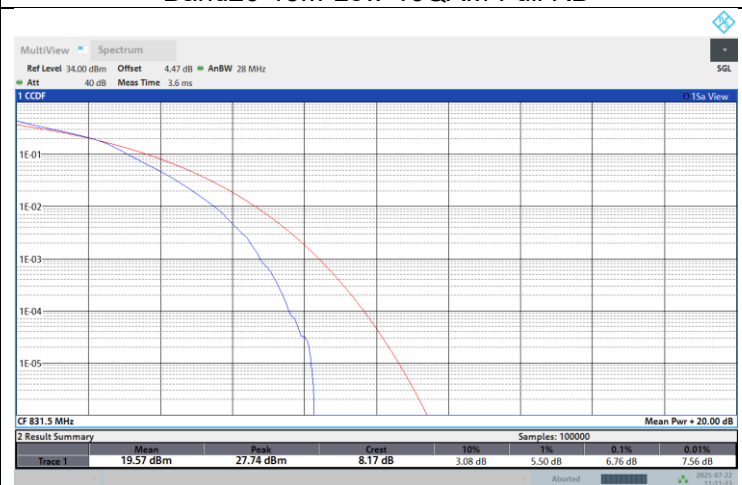
Band26-15M-Low-16QAM-1RB Low



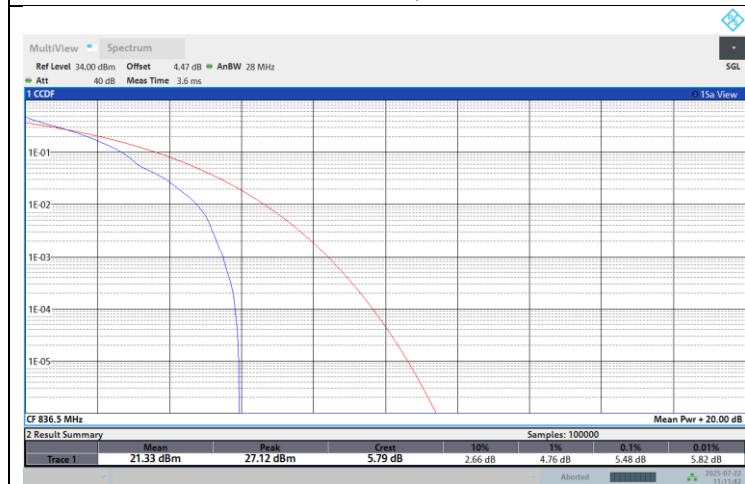
Band26-15M-Low-16QAM-Full RB



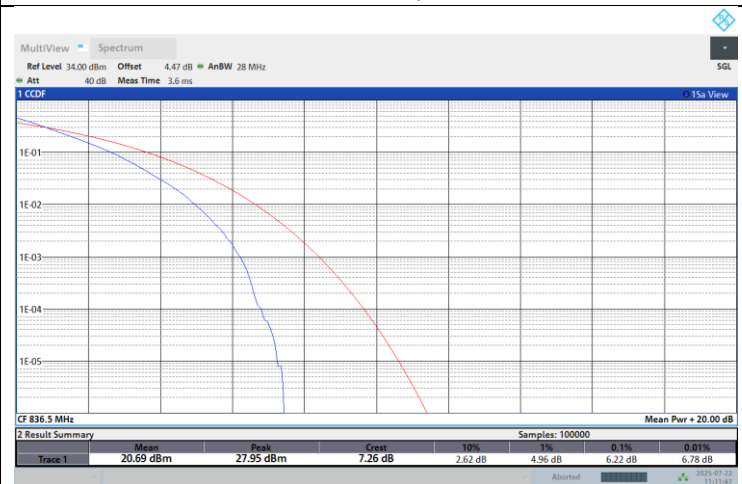
Band26-15M-Mid-QPSK-1RB Low



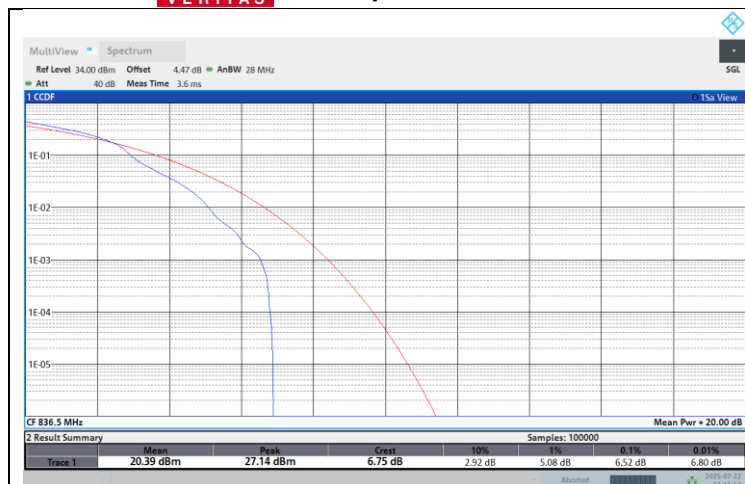
Band26-15M-Mid-QPSK-Full RB



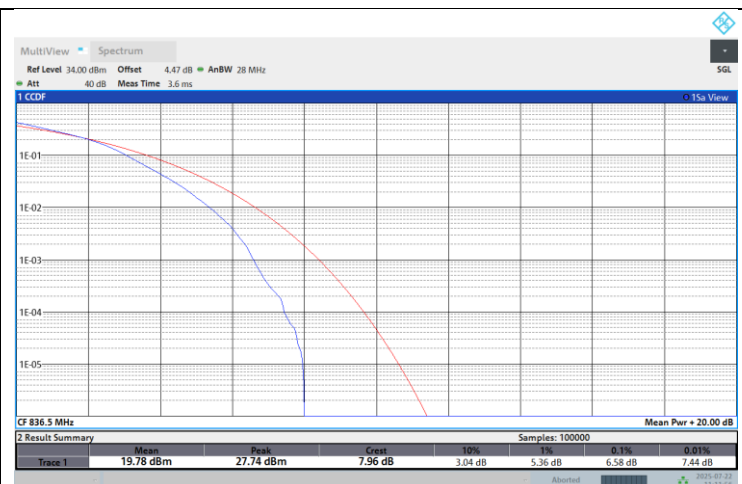
Band26-15M-Mid-16QAM-1RB Low



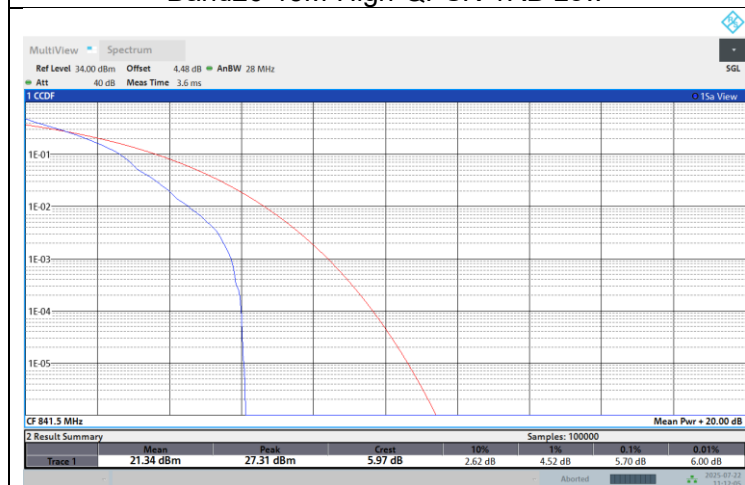
Band26-15M-Mid-16QAM-Full RB



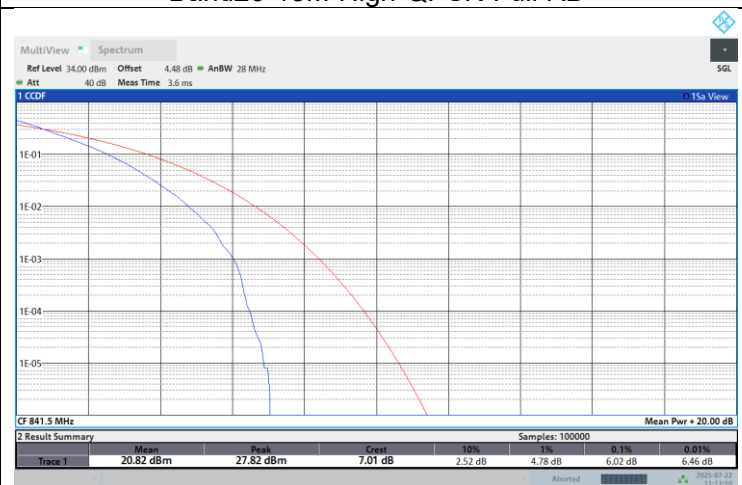
Band26-15M-High-QPSK-1RB Low



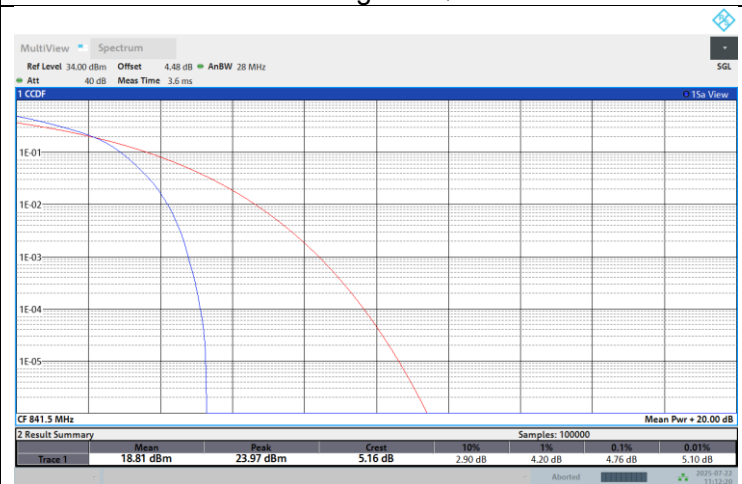
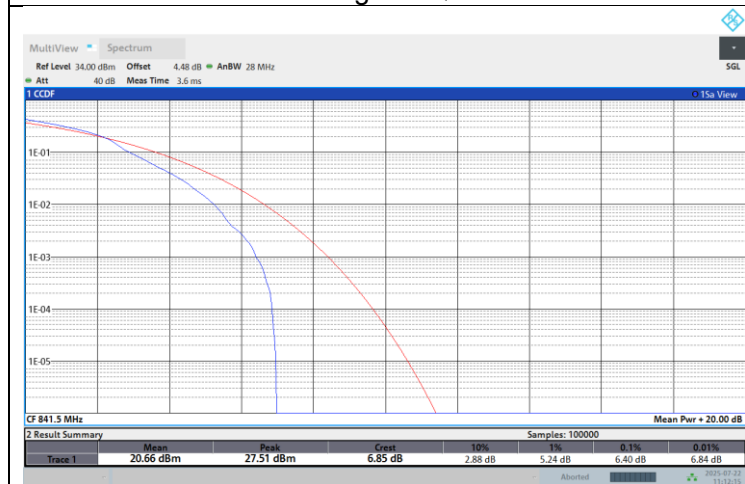
Band26-15M-High-QPSK-Full RB



Band26-15M-High-16QAM-1RB Low



Band26-15M-High-16QAM-Full RB





26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Occupied Bandwidth

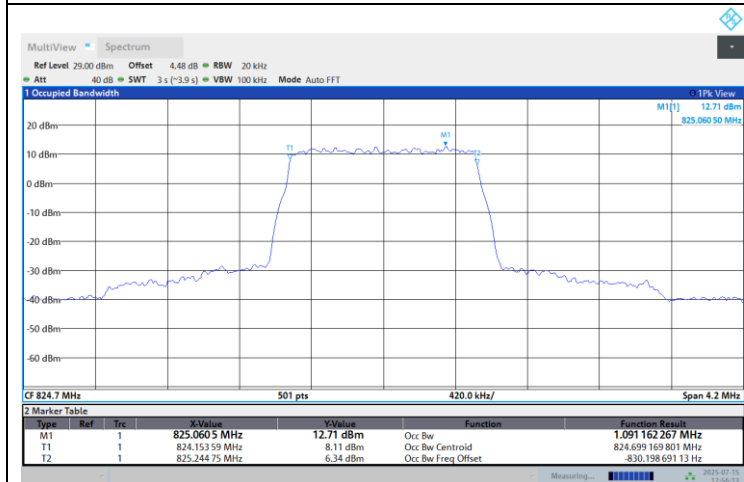
Test Result

Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth(MHz)	Verdict
1.4MHz	QPSK	26797	Full RB	1.091	PASS
1.4MHz	16QAM	26797	Full RB	1.098	PASS
1.4MHz	QPSK	26915	Full RB	1.093	PASS
1.4MHz	16QAM	26915	Full RB	1.090	PASS
1.4MHz	QPSK	27033	Full RB	1.096	PASS
1.4MHz	16QAM	27033	Full RB	1.092	PASS
3MHz	QPSK	26805	Full RB	2.696	PASS
3MHz	16QAM	26805	Full RB	2.691	PASS
3MHz	QPSK	26915	Full RB	2.697	PASS
3MHz	16QAM	26915	Full RB	2.690	PASS
3MHz	QPSK	27025	Full RB	2.697	PASS
3MHz	16QAM	27025	Full RB	2.693	PASS
5MHz	QPSK	26815	Full RB	4.486	PASS
5MHz	16QAM	26815	Full RB	4.480	PASS
5MHz	QPSK	26915	Full RB	4.492	PASS
5MHz	16QAM	26915	Full RB	4.499	PASS
5MHz	QPSK	27015	Full RB	4.481	PASS
5MHz	16QAM	27015	Full RB	4.485	PASS
10MHz	QPSK	26840	Full RB	8.966	PASS
10MHz	16QAM	26840	Full RB	8.958	PASS
10MHz	QPSK	26915	Full RB	8.941	PASS
10MHz	16QAM	26915	Full RB	8.957	PASS
10MHz	QPSK	26990	Full RB	8.950	PASS
10MHz	16QAM	26990	Full RB	8.960	PASS
15MHz	QPSK	26865	Full RB	13.500	PASS
15MHz	16QAM	26865	Full RB	13.495	PASS
15MHz	QPSK	26915	Full RB	13.430	PASS
15MHz	16QAM	26915	Full RB	13.476	PASS
15MHz	QPSK	26965	Full RB	13.459	PASS
15MHz	16QAM	26965	Full RB	13.448	PASS

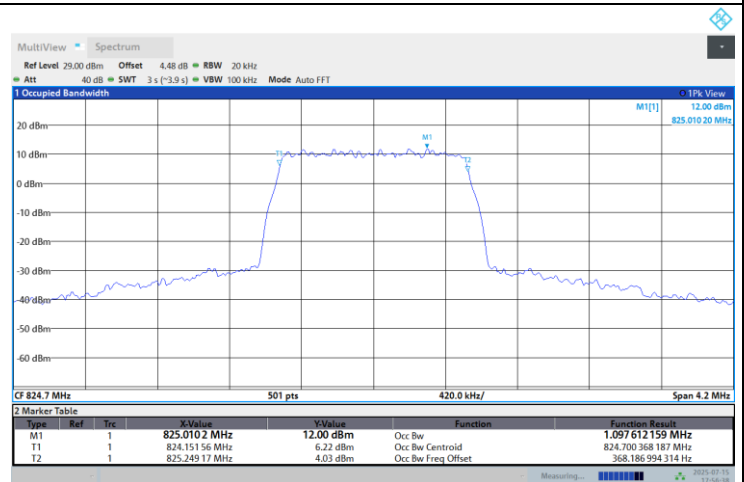


Test Graphs

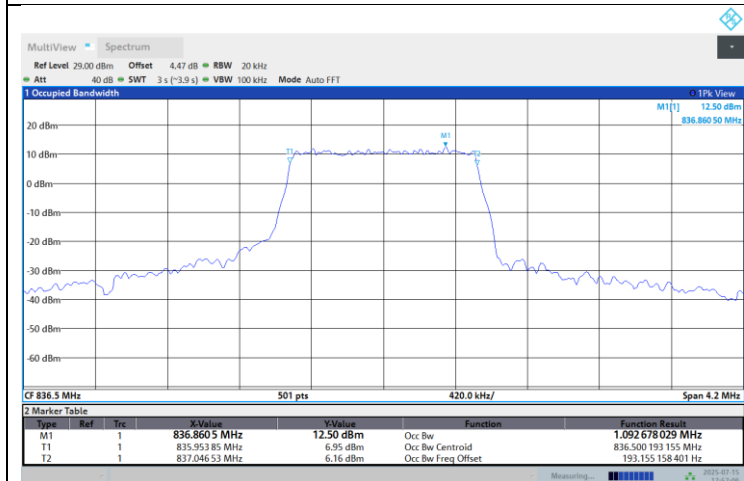
Band26-1.4M-Low-QPSK-Full RB



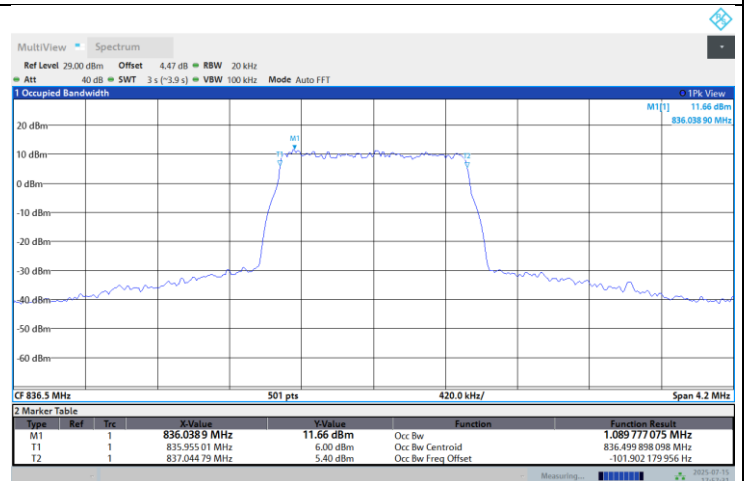
Band26-1.4M-Low-16QAM-Full RB



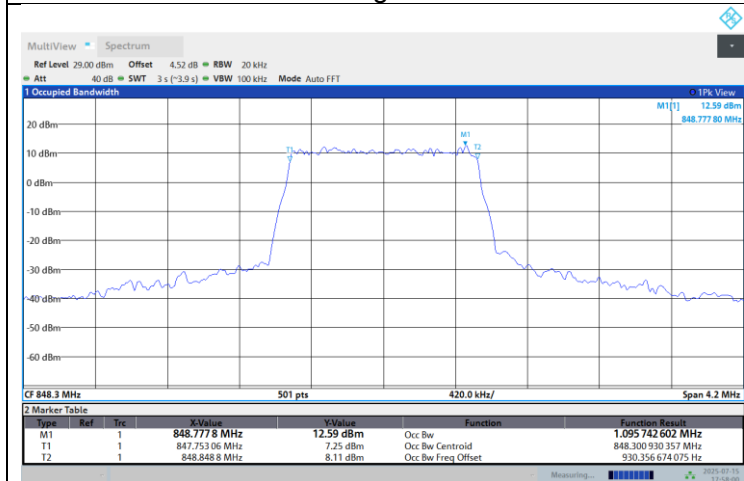
Band26-1.4M-Mid-QPSK-Full RB



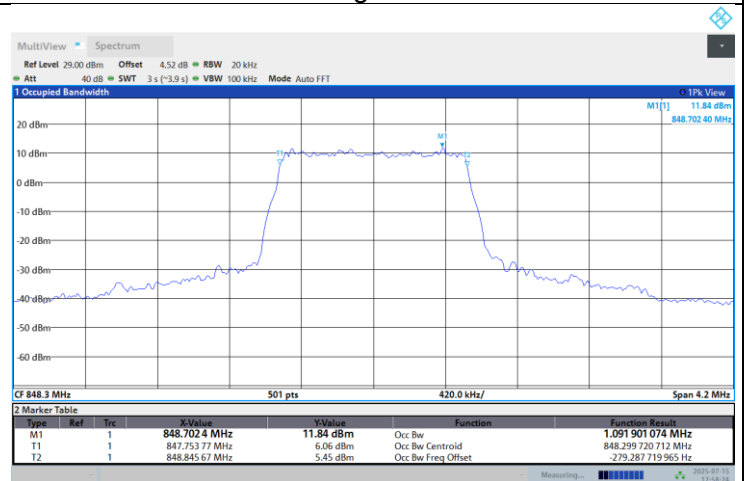
Band26-1.4M-Mid-16QAM-Full RB



Band26-1.4M-High-QPSK-Full RB



Band26-1.4M-High-16QAM-Full RB



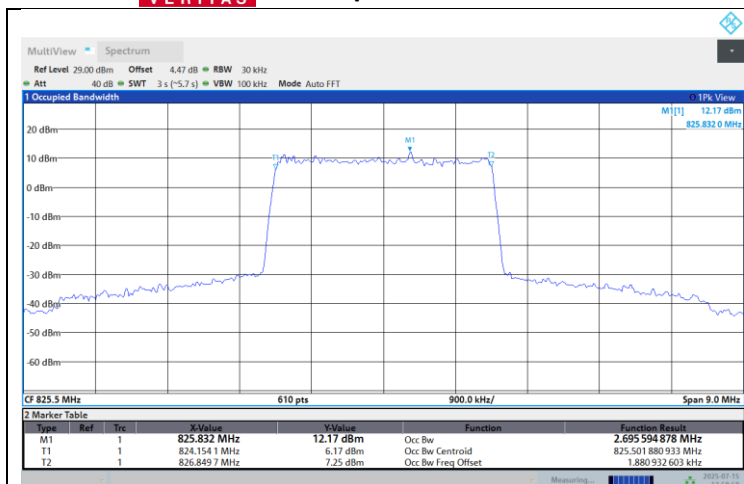
Band26-3M-Low-QPSK-Full RB

Band26-3M-Low-16QAM-Full RB

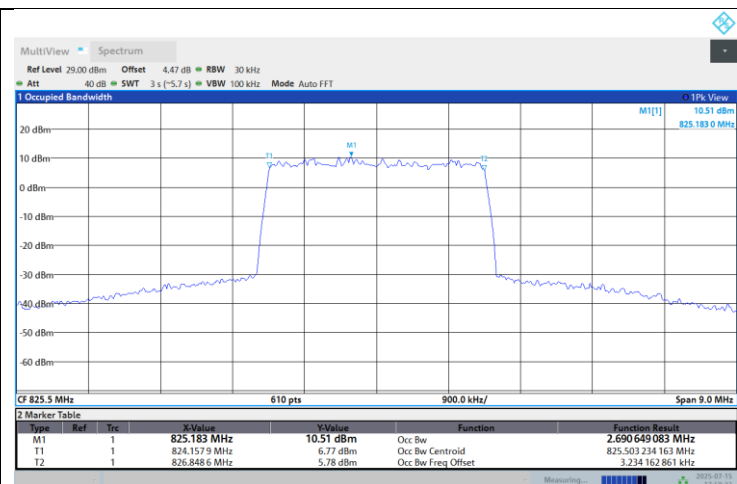


BUREAU
VERITAS

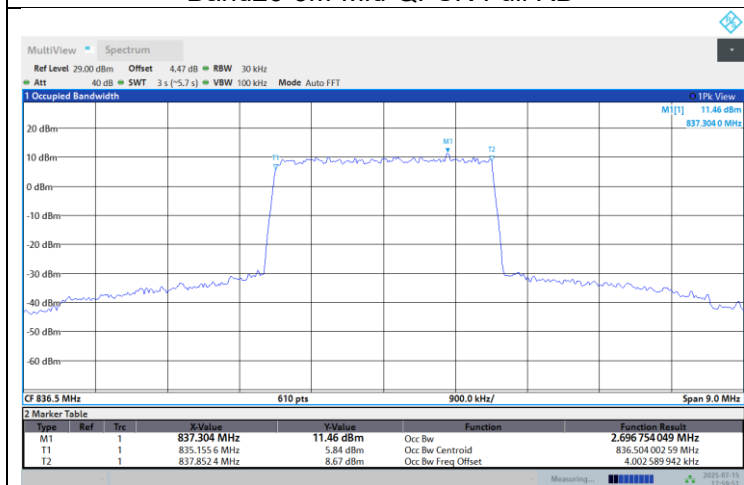
Test Report No.: PSU-QSZ2507090114RF01



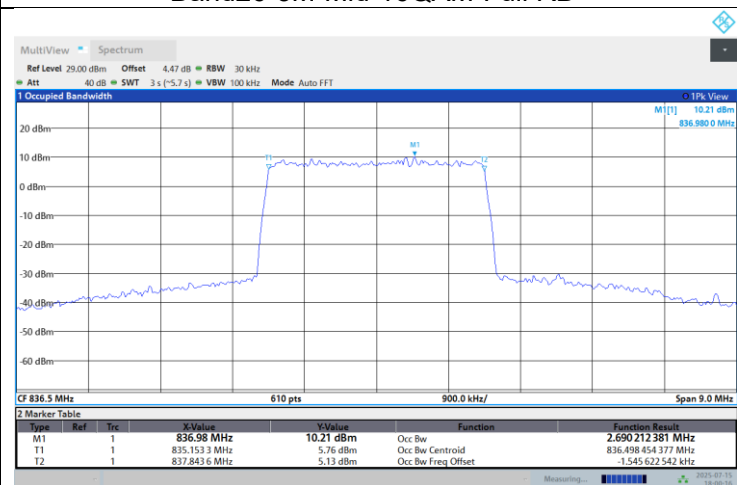
Band26-3M-Mid-QPSK-Full RB



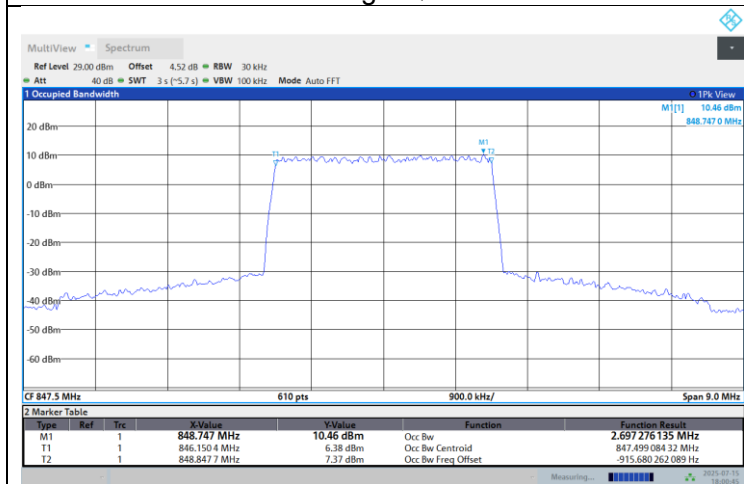
Band26-3M-Mid-16QAM-Full RB



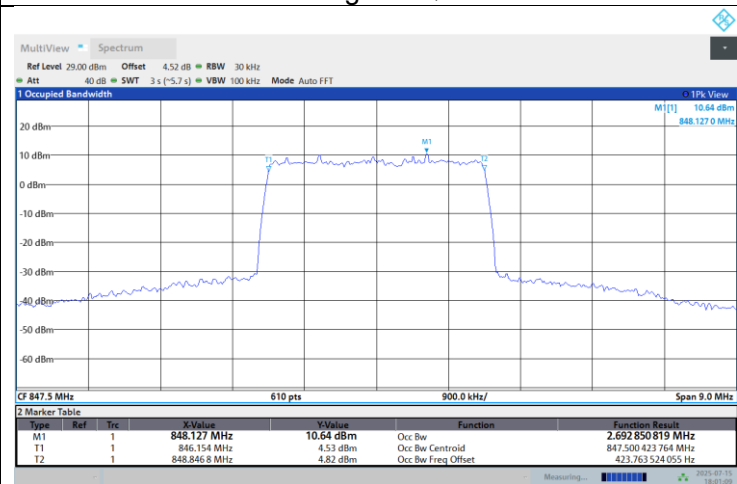
Band26-3M-High-QPSK-Full RB



Band26-3M-High-16QAM-Full RB



Band26-5M-Low-QPSK-Full RB



Band26-5M-Low-16QAM-Full RB